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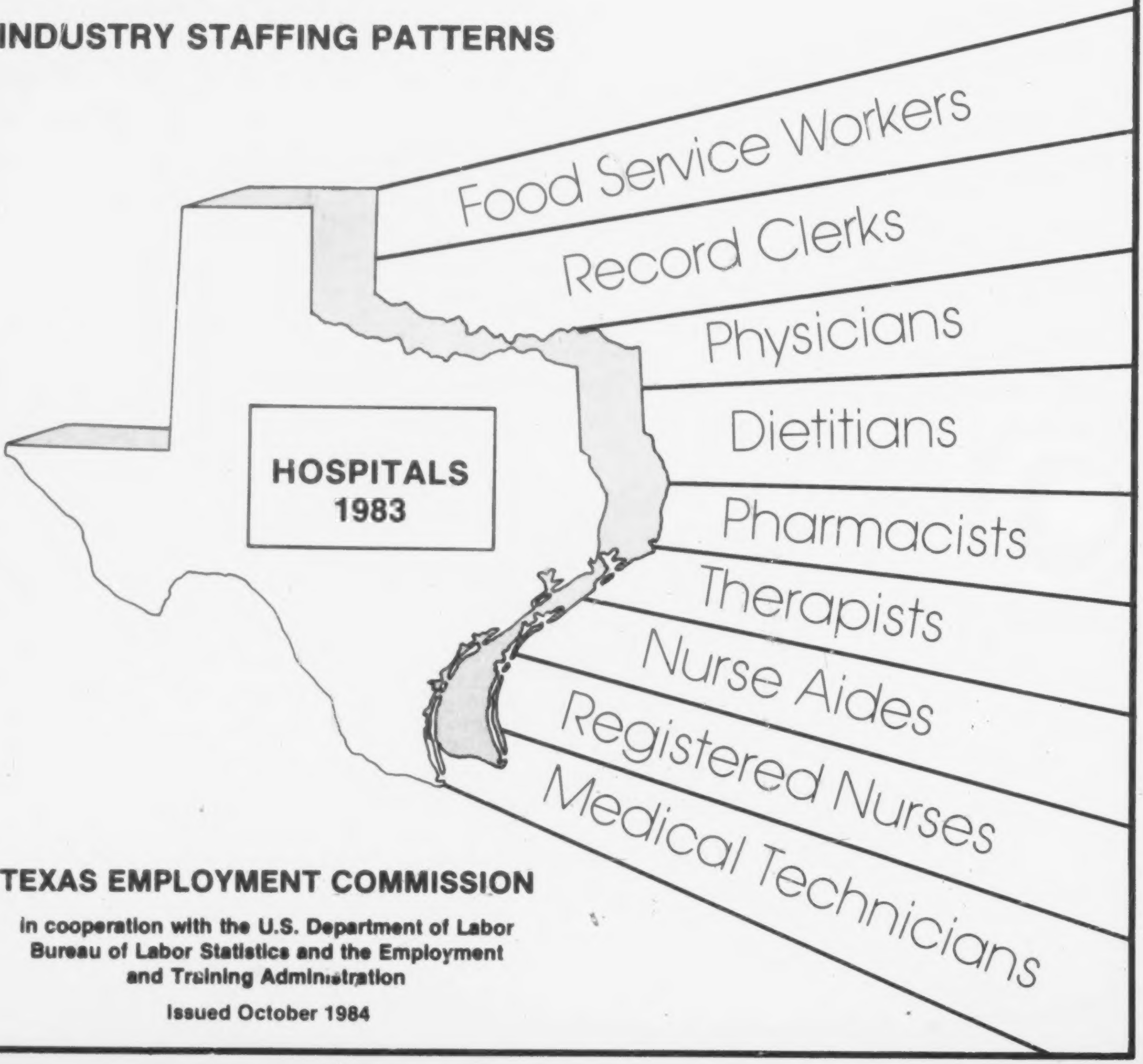
TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS


HOSPITALS
1983
Food Service Workers
Record Clerks
Physicians
Dietitians
Pharmacists
Therapists
Nurse Aides
Registered Nurses
Medical Technicians

TEXAS EMPLOYMENT COMMISSION

in cooperation with the U.S. Department of Labor
Bureau of Labor Statistics and the Employment
and Training Administration

Issued October 1984

TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS FOR HOSPITALS

2nd QUARTER 1983

Prepared by
Texas Employment Commission
Economic Research and Analysis
TEC Building
Austin, Texas 78778

Issued October 1984

PREFACE

This publication summarizes the results of an occupational employment survey of hospitals in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics developed the procedures and provided technical assistance. The Department of Labor through the Employment and Training Administration funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published these findings.

Special thanks are extended to the many cooperating employers who provided the survey data which made this publication possible.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is part of a Federal-State Cooperative effort involving State Employment Security Agencies in cooperation with the Department of Labor through the Employment and Training Administration and the Bureau of Labor Statistics. The OES Program is designed to: (1) provide staffing profiles by industry and trends in the number of workers by occupation, (2) identify emerging and disappearing occupations, (3) help in the development of educational training programs, (4) provide current occupational information for employment planners, and (5) generate data that will be used to refine and modify the worker-demand projections through the Industry-Occupation Matrix System.

This report represents hospital data collected during the survey week of April 12, 1983.

This publication will be updated every three years to provide a better basis for decision-making at all levels of labor force planning and training.

METHODOLOGY

THE SAMPLE

The Unemployment Insurance (ES-202) hospital universe file was used, which consisted of 565 hospitals. This survey included private, State Government, and Local Government hospitals. Excluded were Federal Government and prison hospitals.

COLLECTION PROCEDURES

Survey procedures included an initial mailout, three follow-up mailouts, personal visits, and telephone contacts.

SAMPLING ERROR

This survey does not have sampling error.

NONSAMPLING ERROR

A survey of this design and complexity is going to have a small degree of nonsampling error. Examples of these errors are faulty questionnaire design, inaccuracy of data furnished, ineffective processing techniques, and nonresponse. The possibility of errors in the questionnaire design, in the data furnished, and in data processing was recognized from the start of the survey. Every effort was made to avoid and control them.

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution was carried to three decimal places and rounded to two (i.e., 3.769 becomes 3.77).

Occupations with employment less than ten (10) were combined with relevant "all other" category.

STAFFING PATTERNS

SIC 806
HOSPITALS

This group includes establishments primarily engaged in providing diagnostic services, extensive medical treatment including surgical services, and other hospital services, as well as continuous nursing services. These establishments have an organized medical staff, inpatient beds, and equipment and facilities to provide complete health care.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
	TOTAL EMPLOYMENT....................	224,810	100.00
13002	Financial Managers..................	480	.21
13005	Personnel, Training, & Labor Relations Managers................	400	.18
13008	Purchasing Managers.................	290	.13
13011	Marketing, Advertising, & Public Relations Managers................	220	.10
13014	Administrative Services Managers....	500	.22
15008	Medicine & Health Services Managers.	2,480	1.10
15026	Food Service & Lodging Managers.....	430	.19
19005	General Managers & Top Executives...	1,420	.63
19999	All Other Managers & Administrators.	1,700	.76
21114	Accountants, Auditors, & Other Financial Specialists............	430	.19
21117	Budget Analysts.....................	60	.03
21199	All Other Financial Specialists.....	150	.07
21308	Purchasing Agents-Except Wholesale, Retail, & Farm Products...........	340	.15
21511	Personnel, Training, & Labor Relations Specialists................	360	.16
21902	Cost Estimators.....................	20	.01
21911	Compliance Officers & Enforcement Inspectors--Except Construction...	150	.07
21999	All Other Mgmt Support Workers......	730	.32
22121	Civil Engineers, Including Traffic..	20	.01
22126	Electrical & Electronic Engineers...	30	.01
22128	Industrial Engineers-Except Safety..	40	.02
22135	Mechanical Engineers................	160	.07
22199	All Other Engineers.................	90	.04
22505	Electrical & Electronic Engineering Technicians & Technologists.......	110	.05
22514	Drafters............................	30	.01
22599	All Other Engineering & Related Technicians & Technologists.......	110	.05

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
24105	Chemists..........................	20	.01
24308	Biological Scientists..............	200	.09
24311	Medical Scientists.................	180	.08
24399	All Other Life Scientists..........	280	.12
24502	Biological, Agricultural & Food Technicians & Technologists-Except Health..........................	260	.12
24505	Chemical Technicians & Technologists -Except Health.................	50	.02
24599	All Other Physical & Life Science Technicians & Technologists.......	20	.01
25102	Systems Analysts, E.D.P............	230	.10
25105	Computer Programmers...............	250	.11
25108	Computer Programmer Aides..........	180	.08
25312	Statisticians......................	80	.04
27108	Psychologists......................	300	.13
27199	All Other Social Scientists.........	20	.01
27302	Social Workers, Medical & Psychiatric............................	1,880	.84
27305	Social Workers, Except Medical & Psychiatric......................	540	.24
27308	Social Service Technicians.........	120	.05
27502	Clergy.............................	210	.09
31114	Nursing Instructors................	710	.32
31314	Teachers & Instructors, Vocational Education & Training............	290	.13
31399	All Other Teachers & Instructors & Related Workers................	840	.37
31502	Librarians, Professional...........	70	.03
31505	Technical Assistants, Library.......	30	.01
32102	Physicians & Surgeons..............	3,180	1.42
32105	Dentists...........................	40	.02
32111	Podiatrists........................	20	.01
32199	All Other Health Diagnosing & Treating Practitioners...........	80	.04
32302	Respiratory Therapists.............	3,480	1.55
32305	Occupational Therapists............	590	.26
32308	Physical Therapists................	970	.43
32311	Corrective & Manual Arts Therapists.	130	.06
32314	Speech Pathologists & Audiologists..	130	.06
32317	Recreational Therapists............	380	.17
32399	All Other Therapists...............	90	.04
32502	Registered Nurses..................	44,020	19.58
32505	Licensed Practical Nurses..........	26,890	11.96
32508	Emergency Medical Technicians.......	650	.29

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
32511	Physicians' Assistants.............	190	.09
32517	Pharmacists.........................	1,750	.78
32521	Dietitians & Nutritionists..........	810	.36
32523	Dietetic Technicians................	550	.25
32902	Medical & Clinical Laboratory Technologists....................	5,220	2.32
32905	Medical & Clinical Laboratory Technicians......................	3,320	1.48
32908	Dental Hygienists...................	10	.00
32911	Medical Records, Technicians & Technologists....................	1,360	.60
32914	Nuclear Medicine Technologists......	460	.20
32917	Radiologic Technologists............	2,210	.98
32921	Radiologic Technicians..............	1,950	.87
32923	Electroencephalograph Technicians & Technologists...................	340	.15
32926	Electrocardiograph Technicians & Technologists....................	1,010	.45
32928	Surgical Technicians................	2,350	1.05
32999	All Other Health Professionals, Paraprofessionals, & Technicians..	1,830	.81
34008	Public Relations Specialists & Publicity Writers................	200	.09
34023	Photographers.......................	100	.04
39999	All Other Professional, Paraprofessional, & Technical Workers.......	610	.27
49023	Cashiers............................	920	.41
49999	All Other Sales & Related Workers...	20	.01
51002	First Line Supervisors/Managers-Clerical, & Administrative Support Occupations......................	2,370	1.05
53902	Library Assistants & Bookmobile Drivers..........................	40	.02
55105	Medical Secretaries.................	2,500	1.11
55199	All Other Secretaries...............	3,350	1.49
55302	Stenographers.......................	210	.09
55305	Receptionists.......................	1,270	.56
55308	Typists.............................	3,140	1.40
55311	Typists, Word Processing Equipment..	220	.10
55314	Personnel Clerks-Except Payroll & Timekeeping......................	350	.16
55321	File Clerks.........................	980	.44
55323	Order Clerks-Materials, Merchandise, & Service........................	480	.21
55326	Procurement Clerks..................	280	.12

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
55328	Statistical Clerks	410	.18
55332	Interviewing Clerks, Except Personnel & Social Welfare	2,140	.95
55338	Bookkeeping, Accounting, & Auditing Clerks	1,580	.70
55341	Payroll & Timekeeping Clerks	320	.14
55344	Billing, Cost & Rate Clerks	2,730	1.21
55347	General Office Clerks	5,450	2.42
56002	Billing, Posting, & Calculating Machine Operators	490	.22
56011	Computer Operators-Except Peripheral Equipment	560	.25
56014	Peripheral EDP Equipment Operators	50	.02
56017	Data Entry Keyers Except Composing	940	.42
56099	All Other Machine Operators	40	.02
57102	Switchboard Operators	1,980	.88
58002	Dispatchers-Police, Fire, & Ambulance	50	.02
58023	Stock Clerks-Stockrooms, Warehouse, or Storage Yard	1,700	.76
58028	Traffic, Shipping, & Receiving Clerks	230	.10
58099	All Other Material Recording, Scheduling, & Distributing Workers	240	.11
59999	All Other Clerical & Administrative Support Workers	2,070	.92
61008	Housekeepers	1,300	.58
61099	All Other Supervisors/Managers-Service	1,030	.46
63047	Guards & Watch Guards	1,850	.82
65008	Waiters & Waitresses	70	.03
65011	Food Service, Outside	2,790	1.24
65014	Dining Room & Cafeteria Attendants & Bartender Helpers	690	.31
65017	Counter Attendants-Lunchroom, Coffee Shop, or Cafeteria	450	.20
65021	Bakers, Bread & Pastry	180	.08
65023	Butchers & Meat Cutters	30	.01
65028	Cooks, Institution or Cafeteria	2,440	1.09
65035	Cooks, Short Order	160	.07
65038	Food Preparation Workers	3,490	1.55
65099	All Other Food Service Workers	950	.42
66002	Dental Assistants	50	.02
66005	Medical Assistants	1,170	.52
66008	Nursing Aides, Orderlies, & Attendants	19,350	8.61

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
66011	Home Health Aides	60	.03
66014	Psychiatric Aides	3,670	1.63
66017	Physical & Corrective Therapy Assistants & Aides	870	.39
66021	Occupational Therapy Assistants & Aides	130	.06
66023	Ambulance Drivers & Attendants -Except Emergency Medical Technicians	40	.02
66026	Pharmacy Assistants	1,850	.82
66099	All Other Health Service Workers	1,790	.80
67002	Maids & Housekeeping Cleaners	7,010	3.12
67005	Janitors & Cleaners-Except Maids & Housekeeping Cleaners	3,510	1.56
67011	Elevator Operators	60	.03
67099	All Other Cleaning & Building Service Workers-Except Private Household	800	.36
68002	Barbers	30	.01
68005	Hairdressers, Hairstylists, Cosmetologists	50	.02
68038	Child Care Workers	340	.15
69999	All Other Service Workers	120	.05
79014	Gardeners & Groundskeepers-Except Farm	490	.22
81002	First Line Supervisors/Managers-Mechanics, Installers, & Repairers	280	.12
81005	First Line Supervisors/Managers-Construction & Extractive Workers.	90	.04
81099	All Other First Line Supervisors/Managers-Production, Construction, Maintenance & Related	210	.09
83000	Inspectors & Related Occupations	10	.00
85110	Machinery Maintenance Mechanics	280	.12
85132	Maintenance Repairers, Gen Utility	2,070	.92
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	240	.11
85908	Electromedical & Biomedical Equipment Repairers	260	.12
85956	Menders-Garments, Linens, & Related.	100	.04
85999	All Other Mechanics, Installers, & Repairers	170	.08
87102	Carpenters	330	.15
87202	Electricians	300	.13

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
87402	Painters & Paperhangers, Construction & Maintenance................	370	.17
87502	Plumbers, Pipefitters, & Steamfitters..........................	200	.09
87899	All Other Construction Trade Workers	100	.04
89108	Machinists..........................	10	.00
89923	Medical Appliance Makers............	20	.01
89999	All Other Precision Workers.........	20	.01
92721	Sewing Machine Operators, Non-Garment..........................	30	.01
92726	Laundry & Dry Cleaning Machine Operators & Tenders-Except Pressing...	1,250	.56
92728	Pressing Machine Operators & Tenders -Textile, Garment, & Related Material.........................	240	.11
92926	Boiler Operators & Tenders, Low Pressure..........................	170	.08
92997	All Other Machine Setters & Set-Up Operators.........................	170	.08
92998	All Other Machine Operators & Tenders.............................	30	.01
93900	All Hand Workers....................	40	.02
95032	Stationary Engineers...............	310	.14
95099	All Other Plant & System Operators..	20	.01
97105	Truck Drivers, Light-Including Delivery & Route Workers............	370	.17
97199	All Other Motor Vehicle Operators...	40	.02
97900	All Material Moving Equipment Operators.........................	30	.01
98000	Helpers, Laborers, & Movers, Hand-Excluding Agricultural & Forestry Laborers.........................	690	.31

GLOSSARY OF TERMS

ES-202-Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or services. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishments, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

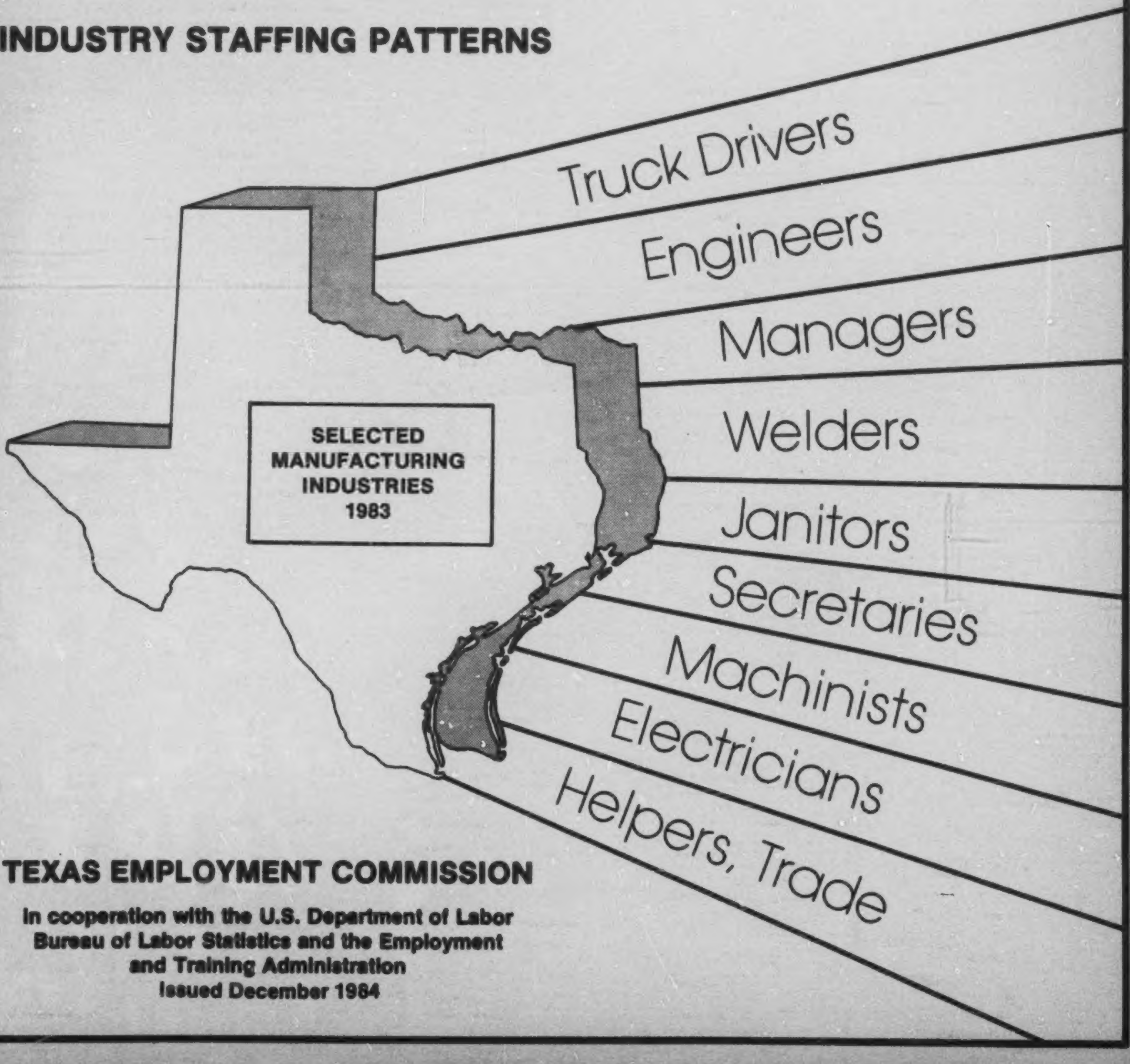
Universe: Total establishments or units covered under the ES-202, Quarterly Report of Employment and Wages.

Usable Response: After initial classification and schedule review, all usable employment data.

S7675-1.12(u)11

TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS


Truck Drivers
Engineers
Managers
Welders
Janitors
Secretaries
Machinists
Electricians
Helpers, Trade

SELECTED
MANUFACTURING
INDUSTRIES
1983

TEXAS EMPLOYMENT COMMISSION

In cooperation with the U.S. Department of Labor
Bureau of Labor Statistics and the Employment
and Training Administration
Issued December 1984

TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS FOR SELECTED MANUFACTURING INDUSTRIES

2nd QUARTER 1983

Prepared by
Texas Employment Commission
Economic Research and Analysis
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Austin, Texas 78778

Issued December 1984

PREFACE

This publication summarizes the results of an occupational employment survey of selected manufacturing industries in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics developed the procedures and provided technical assistance. The Department of Labor through the Employment and Training Administration funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published these findings.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is part of a Federal-State Cooperative effort involving State Employment Security Agencies in cooperation with the Department of Labor through the Employment and Training Administration and the Bureau of Labor Statistics. The OES Program is designed to: (1) provide staffing profiles by industry and an estimate of workers by occupation, (2) identify emerging and disappearing occupations, (3) help in the development of educational training programs, (4) provide current occupational information for employment counselors and manpower planners, and (5) generate data that will be used to refine and modify the worker-demand projections through the Industry-Occupation Matrix System.

This report represents manufacturing industries data collected for the appropriate survey month (April, May, or June, 1983).

This publication will be updated every three years to provide a better basis for decision-making at all levels of labor force planning and training.

METHODOLOGY

THE SAMPLE

The sample for this survey was selected from the second quarter 1982 ES-202, Quarterly Report of Employment and Wages. The universe was stratified into three-digit Standard Industrial Classfication (SIC) codes, each consisting of six employment size classes (1-9, 10-19, 20-49, 50-99, 100-249, and 250 plus). Procedures involved selecting all certainty cases (establishments having 250 or more employees). Firms with fewer than 250 employees were subject to sample selection on a random basis. Each unit was given a weight according to the proportion of firms selected in each size class.

COLLECTION PROCEDURES

Survey procedures included an initial mailout, three follow-up mailouts, personal visits, and telephone contacts.

SAMPLING ERROR

Relative standard error is presented for use in measuring sampling error. The relative standard error is an arithmetic measure of the precision of the estimates. It is the error that results from the difference between data obtained if the same survey methods were applied to collecting identical information from the entire population or universe.

The relative error expresses the standard error of an estimate as a percentage of that estimate and creates an interval around the estimate. The total estimated employment multiplied by the relative error gives a figure which can be added to and subtracted from the estimate to obtain an upper and lower limit or interval. A level of confidence is then associated with this interval. It is based on the number of relative standard errors that were added to the estimate and is the probability that the interval will cover the true population value. An interval that is based on one relative error has a 68% level of confidence and one based on two relative errors has a level of 95%. For example, suppose an estimated employment of 500 and a relative error of 10% is given for an occupation. This means that with a 68% confidence level, the true number of workers in that occupation would fall between 450 and 550.

NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as respondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

ESTIMATING PROCEDURES

All establishments in a given estimating cell were assigned a sample weight which was the inverse of the sampling ratio. Employment for each occupation was multiplied by its establishment's sample weight and summed for all sample establishments in one cell. Summed total employment in each establishment was multiplied by that establishment's sample weight and summed for all establishments in the cell. Weighted total establishment employment was expressed as a percent of weighted summed establishment employment to form the ratio for the estimate. This was the arithmetic expression of the occupational pattern for the estimating cell. The benchmark figures for the appropriate survey month (April, May, or June, 1983) were divided by the weighted total establishment employment. Each weighted reported occupational employment in the cell was multiplied by this ratio to get the estimated employment for each occupation. To aggregate across size classes, all these estimates were added to get one total estimate for each occupation.

CONSIDERATIONS IN USING THE ESTIMATES

RELATIVE ERROR

From an accuracy standpoint, the higher the relative error, the less accurate the estimate. If relative errors exceeded fifty percent (50%), the employment from these occupations was merged with the employment of a relevant "all other" category.

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution was carried to three decimal places and rounded to two (i.e., 3.769 becomes 3.77).

Occupations with employment less than ten (10) were combined with a relevant "all other" category.

STAFFING PATTERNS FOR SELECTED INDUSTRIES

Table 1
SIC 20
FOOD AND KINDRED PRODUCTS

This major group includes establishments manufacturing or processing foods and beverages for human consumption, and certain related products such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	93,130	100.00	n/a
13002	Financial Managers..................	270	.29	17.13
13005	Personnel, Training, & Labor Relations Managers................	210	.23	20.64
13008	Purchasing Managers.................	120	.13	14.13
13011	Marketing, Advertising, & Public Relations Managers................	460	.49	18.90
13014	Administrative Services Managers....	120	.13	42.02
15014	Industrial Production Managers......	540	.58	14.89
19005	General Managers & Top Executives...	1,920	2.06	24.47
19999	All Other Managers & Administrators.	620	.67	n/a
21114	Accountants & Auditors..............	450	.48	24.50
21117	Budget Analysts.....................	30	.03	41.91
21199	All Other Financial Specialists.....	60	.06	n/a
21911	Compliance Officers & Enforcement Inspectors, Except Construction...	120	.13	26.99
21999	All Other Mgmt Support Workers......	860	.92	n/a
22114	Chemical Engineers..................	20	.02	45.46
22128	Industrial Engineers, Except Safety.	200	.21	8.93
22132	Safety Engineers, Except Mining.....	20	.02	33.32
22135	Mechanical Engineers................	110	.12	16.03
22199	All Other Engineers.................	40	.04	n/a
22508	Industrial Engineering Technicians & Technologists....................	10	.01	32.74
22514	Drafters............................	30	.03	22.67
22599	All Other Engineering & Related Technicians & Technologists.......	90	.10	n/a
24105	Chemists, Except Biochemists........	130	.14	22.64
24199	All Other Physical Scientists.......	10	.01	n/a
24305	Agricultural & Food Scientists......	80	.09	7.58
24399	All Other Life Scientists...........	10	.01	n/a
24502	Biological, Agricultural, & Food Technicians & Technologists, Except Health....................	210	.22	18.29
24599	All Other Physical & Life Science Technicians & Technologists.......	480	.52	n/a
25102	Systems Analysts, E.D.P.............	70	.08	16.48
25105	Computer Programmers................	80	.09	8.45
25108	Computer Programmer Aides...........	40	.04	21.22

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
32999	All Other Health Professionals, Paraprofessionals, & Technicians..	40	.04	n/a
34008	Public Relations Specialists & Publicity Writers.................	30	.03	30.31
39999	All Other Professional, Paraprofessional, & Technical Workers.......	110	.12	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	630	.68	31.07
49008	Other Sales Representatives, Except Retail....................	2,310	2.48	21.05
49011	Salespersons, Retail...............	630	.68	37.80
49023	Cashiers..........................	300	.32	23.99
49999	All Other Sales & Related Workers...	890	.96	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	370	.40	10.44
55100	Secretaries.......................	1,070	1.14	n/a
55302	Stenographers.....................	10	.01	28.41
55305	Receptionists & Information Clerks..	100	.11	27.26
55314	Personnel Clerks, Except Payroll & Timekeeping.....................	110	.12	16.28
55321	File Clerks.......................	40	.04	25.04
55323	Order Clerks; Materials, Merchandise, & Service...........	250	.27	32.63
55326	Procurement Clerks.................	50	.05	23.05
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	1,630	1.75	18.99
55341	Payroll & Timekeeping Clerks........	210	.23	16.93
55344	Billing, Cost & Rate Clerks.........	270	.29	18.99
55347	General Office Clerks..............	1,550	1.66	16.67
56011	Computer Operators, Except Peripheral Equipment.............	150	.16	24.56
56017	Data Entry Keyers, Except Composing.	270	.29	29.23
56099	All Other Office Machine Operators..	70	.08	n/a
57102	Switchboard Operators..............	90	.10	17.38
58008	Production, Planning, & Expediting Clerks..........................	180	.19	21.07
58028	Traffic, Shipping, & Receiving Clerks..........................	1,190	1.28	17.89
58099	All Other Material Recording, Scheduling, & Distributing Workers	1,330	1.43	n/a
59999	All Other Clerical & Administrative Support Workers..................	370	.40	n/a
61000	First Line Supervisors/Managers, Service..........................	180	.19	n/a
63047	Guards & Watch Guards..............	330	.35	27.69
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	1,690	1.81	11.62

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
67099	All Other Cleaning & Building Service Workers, Except Private Households........................	140	.15	n/a
69999	All Other Service Workers...........	160	.17	n/a
72002	First Line Supervisors; Agricultural, Forestry, Fishing & Related Occupations...............	80	.09	34.88
79011	Graders & Sorters, Agricultural Products..........................	280	.30	43.69
79014	Gardeners & Groundskeepers, Except Farm..............................	50	.05	24.95
79021	Farm Equipment Operators............	50	.05	38.24
79999	All Other Agricultural, Forestry, Fishing, & Related Workers........	200	.21	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	450	.48	12.16
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers...........................	20	.02	18.12
81008	First Line Supervisors/Managers, Production & Operating Workers....	3,400	3.65	15.14
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	340	.37	20.19
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	310	.33	39.12
83000	Inspectors & Related Occupations....	890	.96	n/a
85110	Machinery Maintenance Mechanics....	1,830	1.96	n/a
85123	Millwrights.........................	60	.06	21.13
85132	Maintenance Repairers, General Utility..........................	1,900	2.04	15.86
85302	Automotive Mechanics...............	410	.44	17.97
85311	Bus & Truck Mechanics, & Diesel Engine Specialists...............	370	.40	34.92
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers......................	190	.20	12.23
85905	Precision Instrument Repairers......	60	.06	16.26
85947	Coin & Vending Machine Servicers & Repairers.......................	460	.49	38.32
85999	All Other Mechanics, Installers, & Repairers.......................	450	.48	n/a
87102	Carpenters.........................	50	.05	40.43
87202	Electricians.......................	390	.42	11.17
87402	Painters & Paperhangers, Construction & Maintenance........	70	.08	14.74
87502	Plumbers,Pipefitters, & Steamfitters	50	.05	16.08

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
87899	All Other Construction Trades Workers	30	.03	n/a
89108	Machinists	80	.09	23.96
89135	Boilermakers	40	.04	49.50
89802	Slaughterers & Butchers	8,210	8.82	14.65
89899	All Other Precision Food & Tobacco Workers	2,180	2.34	n/a
89999	All Other Precision Workers	20	.02	n/a
92921	Roasting, Baking, & Drying Machine Operators & Tenders, Food & Tobacco	770	.83	29.12
92926	Boiler Operators & Tenders, Low Pressure	70	.08	16.37
92928	Cooling & Freezing Equipment Operators & Tenders	370	.40	42.14
92932	Dairy Processing Equipment Operators Including Setters	520	.56	14.83
92941	Cutting & Slicing Machine Setters & Set-Up Operators	10	.01	42.43
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders	650	.70	25.35
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	2,080	2.23	26.06
92968	Extruding, Forming, Pressing, & Compacting Machine Setters & Set-Up Operators	70	.08	33.72
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders	520	.56	24.67
92974	Packaging & Filling Machine Operators & Tenders	6,540	7.02	12.68
92997	All Other Machine Setters & Set-Up Operators	70	.08	n/a
92998	All Other Machine Operators & Tenders	2,150	2.31	n/a
93935	Cannery Workers	3,470	3.73	41.07
93938	Meat, Poultry, & Fish Cutters & Trimmers, Hand	4,980	5.35	27.96
93999	All Other Hand Workers	1,170	1.26	n/a
95032	Stationary Engineers	120	.13	27.98
95099	All Other Plant & System Operators	90	.10	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	3,220	3.46	28.97
97117	Driver/Sales Workers	3,630	3.90	25.76
97199	All Other Motor Vehicle Operators	1,340	1.44	n/a
97899	All Other Transportation & Related Workers	10	.01	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97947	Industrial Truck & Tractor Operators	1,860	2.00	20.49
97951	Conveyer Operators & Tenders........	180	.19	31.98
97953	Pump Operators.....................	100	.11	46.79
97999	All Other Material Moving Equipment Operators........................	20	.02	n/a
98102	Mechanic & Repairer Helpers.........	260	.28	26.04
98300	Construction Trades & Extractive Worker Helpers....................	10	.01	n/a
98502	Machine Feeders & Offbearers........	690	.74	45.72
98700	Freight, Stock, & Material Movers, Hand............................	2,350	2.52	n/a
98902	Hand Packers & Packagers............	4,680	5.03	42.47
98905	Vehicle Washers & Equipment Cleaners	680	.73	18.09
98999	All Other Helpers, Laborers, & Material Movers, Hand............	3,370	3.62	n/a

Table 2
SIC 201
MEAT PRODUCTS

This group includes establishments primarily engaged in the slaughtering, dressing, packing, canning and/or curing of animals (except horses), poultry, and small game. This group also includes those establishments that make lard, sausage, prepared meat products, and other meat specialties; and can, dry, freeze, and break eggs.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	25,120	100.00	n/a
13002	Financial Managers..................	40	.16	17.29
13005	Personnel, Training, & Labor Relations Managers................	30	.12	10.40
13008	Purchasing Managers.................	40	.16	22.31
13011	Marketing, Advertising, & Public Relations Managers................	80	.32	30.33
13014	Administrative Services Managers....	20	.08	37.61
15014	Industrial Production Managers......	60	.24	14.47
19005	General Managers & Top Executives...	290	1.15	44.94
19999	All Other Managers & Administrators.	60	.24	n/a
21114	Accountants & Auditors..............	50	.20	23.51
21199	All Other Financial Specialists.....	10	.04	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	10	.04	33.61
21511	Personnel, Training, & Labor Relations Specialists.............	20	.08	14.41
21911	Compliance Officers & Enforcement Inspectors, Except Construction...	110	.44	30.22
21999	All Other Mgmt Support Workers......	110	.44	n/a
22128	Industrial Engineers, Except Safety.	10	.04	31.94
22135	Mechanical Engineers................	10	.04	39.81
22199	All Other Engineers.................	10	.04	n/a
22500	Engineering & Related Technicians & Technologists..................	10	.04	n/a
24105	Chemists, Except Biochemists........	10	.04	42.42
24199	All Other Physical Scientists.......	10	.04	n/a
24500	Physical & Life Science Technicians & Technologists..................	20	.08	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.12	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	40	.16	23.50
49023	Cashiers...........................	10	.04	41.01
49999	All Other Sales & Related Workers...	480	1.91	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	30	.12	29.83

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55305	Receptionists & Information Clerks..	20	.08	22.50
55314	Personnel Clerks, Except Payroll & Timekeeping......................	40	.16	17.23
55323	Order Clerks; Materials, Merchandise, & Service............	20	.08	32.38
55341	Payroll & Timekeeping Clerks........	60	.24	10.55
55344	Billing, Cost & Rate Clerks.........	60	.24	18.18
56011	Computer Operators, Except Peripheral Equipment..............	20	.08	46.23
56017	Data Entry Keyers, Except Composing.	40	.16	25.61
56099	All Other Office Machine Operators..	10	.04	n/a
57102	Switchboard Operators...............	20	.08	25.53
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping...........	80	.31	36.31
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	90	.36	18.43
58028	Traffic, Shipping, & Receiving Clerks...........................	380	1.51	42.01
58099	All Other Material Recording, Scheduling, & Distributing Workers	30	.12	n/a
59999	All Other Clerical & Administrative Support Workers..................	720	2.87	n/a
61000	First Line Supervisors/Managers, Service..........................	20	.08	n/a
63047	Guards & Watch Guards..............	90	.36	18.55
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	390	1.55	33.95
69999	All Other Service Workers...........	50	.20	n/a
72002	First Line Supervisors; Agricultural, Forestry, Fishing & Related Occupations..............	30	.12	43.39
79999	All Other Agricultural, Forestry, Fishing, & Related Workers........	180	.72	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	80	.32	16.42
81008	First Line Supervisors/Managers, Production & Operating Workers....	1,000	3.98	16.78
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	40	.16	31.16
83000	Inspectors & Related Occupations....	140	.56	n/a
85110	Machinery Maintenance Mechanics....	370	1.47	n/a
85132	Maintenance Repairers, General Utility..........................	370	1.47	30.17
85302	Automotive Mechanics...............	20	.08	47.89
85311	Bus & Truck Mechanics, & Diesel Engine Specialists...............	20	.08	37.93

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	80	.32	18.13
85999	All Other Mechanics, Installers, & Repairers	50	.20	n/a
87202	Electricians	60	.24	13.49
87999	All Other Extractive Workers, Except Helpers	10	.04	n/a
89802	Slaughterers & Butchers	8,210	32.68	14.65
89999	All Other Precision Workers	20	.08	n/a
92926	Boiler Operators & Tenders, Low Pressure	20	.08	37.82
92928	Cooling & Freezing Equipment Operators & Tenders	20	.08	32.12
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders	80	.32	47.81
92974	Packaging & Filling Machine Operators & Tenders	630	2.51	45.96
92997	All Other Machine Setters & Set-Up Operators	10	.04	n/a
92998	All Other Machine Operators & Tenders	640	2.54	n/a
93938	Meat, Poultry, & Fish Cutters & Trimmers, Hand	4,710	18.75	29.11
93999	All Other Hand Workers	870	3.46	n/a
95000	Plant & System Occupations	10	.04	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators	1,120	4.45	n/a
98102	Mechanic & Repairer Helpers	40	.16	36.20
98905	Vehicle Washers & Equipment Cleaners	90	.36	29.94
98999	All Other Helpers, Laborers, & Material Movers, Hand	2,460	9.79	n/a

Table 3
SIC 202
DAIRY PRODUCTS

This group includes establishments primarily engaged in the manufacturing of creamery butter; natural cheese; condensed and evaporated milk; ice cream and frozen desserts; and special dairy products such as processed cheese and malted milk. This industry also includes processing (pasteurizing, homogenizing, vitaminizing, and bottling) fluid milk and cream for wholesale or retail distribution.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	5,280	100.00	n/a
13002	Financial Managers.................	10	.19	14.69
13011	Marketing, Advertising, & Public Relations Managers...............	30	.57	27.65
13014	Administrative Services Managers....	20	.38	5.53
15014	Industrial Production Managers......	40	.76	35.49
19005	General Managers & Top Executives...	100	1.89	20.99
19999	All Other Managers & Administrators.	30	.57	n/a
21114	Accountants & Auditors.............	40	.76	14.44
22100	Engineers..........................	10	.19	n/a
24502	Biological, Agricultural, & Food Technicians & Technologists, Except Health....................	20	.38	29.28
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.38	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	80	1.51	27.77
49008	Other Sales Representatives, Except Retail....................	140	2.65	37.54
49999	All Other Sales & Related Workers...	30	.57	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	20	.38	11.90
55100	Secretaries........................	60	1.13	n/a
55323	Order Clerks; Materials, Merchandise, & Service............	20	.38	24.31
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	120	2.27	8.10
55341	Payroll & Timekeeping Clerks........	10	.19	8.70
55344	Billing, Cost & Rate Clerks.........	30	.56	15.67
55347	General Office Clerks..............	120	2.27	8.68
56011	Computer Operators, Except Peripheral Equipment..............	10	.19	12.98
56017	Data Entry Keyers, Except Composing.	40	.76	28.36
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping..........	40	.76	33.26

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	10	.19	14.03
58028	Traffic, Shipping, & Receiving Clerks	170	3.22	19.18
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.19	n/a
59999	All Other Clerical & Administrative Support Workers	30	.57	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	60	1.14	19.50
69999	All Other Service Workers	10	.19	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations	20	.38	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.38	9.58
81008	First Line Supervisors/Managers, Production & Operating Workers	220	4.16	6.68
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	40	.76	13.35
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	30	.57	18.41
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	40	.76	13.94
85110	Machinery Maintenance Mechanics	40	.76	n/a
85132	Maintenance Repairers, General Utility	130	2.46	16.06
85302	Automotive Mechanics	60	1.14	12.20
85311	Bus & Truck Mechanics, & Diesel Engine Specialists	20	.38	44.05
85999	All Other Mechanics, Installers, & Repairers	20	.38	n/a
89808	Food Batchmakers	80	1.51	9.44
92928	Cooling & Freezing Equipment Operators & Tenders	220	4.17	23.18
92932	Dairy Processing Equipment Operators Including Setters	490	9.28	13.29
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders	20	.38	37.43
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	50	.95	19.76
92968	Extruding, Forming, Pressing, & Compacting Machine Setters & Set-Up Operators	10	.19	12.64

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92974	Packaging & Filling Machine Operators & Tenders	370	7.00	10.13
92998	All Other Machine Operators & Tenders	20	.38	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators	10	.19	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	240	4.55	22.65
97105	Truck Drivers, Light, Including Delivery & Route Workers	50	.95	24.00
97117	Driver/Sales Workers	720	13.63	20.58
97899	All Other Transportation & Related Workers	10	.19	n/a
97947	Industrial Truck & Tractor Operators	30	.57	31.05
98102	Mechanic & Repairer Helpers	50	.95	36.96
98502	Machine Feeders & Offbearers	20	.38	22.07
98700	Freight, Stock, & Material Movers, Hand	510	9.66	n/a
98902	Hand Packers & Packagers	110	2.08	12.21
98905	Vehicle Washers & Equipment Cleaners	90	1.70	11.44
98999	All Other Helpers, Laborers, & Material Movers, Hand	210	3.97	n/a

Table 4
SIC 204
GRAIN MILL PRODUCTS

This group includes establishments primarily engaged in milling flour, wet corn, rice, and other grains; mixing and blending purchased flour; and preparing cereal breakfast foods, animal and poultry feeds, feed ingredients, and pet foods (canned, frozen, and dry).

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	6,940	100.00	n/a
13002	Financial Managers	20	.29	17.13
13005	Personnel, Training, & Labor Relations Managers	10	.14	20.09
13011	Marketing, Advertising, & Public Relations Managers	20	.29	27.32
15014	Industrial Production Managers	50	.72	10.33
19005	General Managers & Top Executives	190	2.74	8.35
19999	All Other Managers & Administrators	60	.87	n/a
21114	Accountants & Auditors	40	.58	21.64
21305	Purchasing Agents & Buyers, Farm Products	10	.14	28.58
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	30	.43	19.03
21999	All Other Mgmt Support Workers	10	.14	n/a
22100	Engineers	20	.29	n/a
24105	Chemists, Except Biochemists	40	.58	23.16
24500	Physical & Life Science Technicians & Technologists	70	1.01	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	10	.14	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	20	.29	33.79
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	40	.58	45.05
49008	Other Sales Representatives, Except Retail	170	2.45	24.73
49999	All Other Sales & Related Workers	30	.43	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	40	.58	22.41
55100	Secretaries	120	1.73	n/a
55323	Order Clerks; Materials, Merchandise, & Service	60	.87	16.54
55338	Bookkeeping, Accounting, & Auditing Clerks	110	1.59	18.10
55341	Payroll & Timekeeping Clerks	10	.14	16.87
55344	Billing, Cost & Rate Clerks	30	.43	17.86

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55347	General Office Clerks	110	1.59	12.70
56011	Computer Operators, Except Peripheral Equipment	10	.14	49.43
56017	Data Entry Keyers, Except Composing	20	.29	26.71
57102	Switchboard Operators	10	.14	18.89
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	40	.58	30.39
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	80	1.15	25.84
58028	Traffic, Shipping, & Receiving Clerks	90	1.30	16.45
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.14	n/a
59999	All Other Clerical & Administrative Support Workers	30	.43	n/a
61000	First Line Supervisors/Managers, Service	10	.14	n/a
63047	Guards & Watch Guards	20	.29	32.11
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	160	2.31	21.05
67099	All Other Cleaning & Building Service Workers, Except Private Households	40	.58	n/a
79011	Graders & Sorters, Agricultural Products	20	.29	31.86
79014	Gardeners & Groundskeepers, Except Farm	20	.29	49.21
79999	All Other Agricultural, Forestry, Fishing, & Related Workers	50	.72	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	30	.43	8.67
81008	First Line Supervisors/Managers, Production & Operating Workers	290	4.18	10.76
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	20	.29	26.12
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	20	.29	22.48
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	60	.86	31.83
83099	All Other Inspectors, Testers, & Related Occupations	10	.14	n/a
85110	Machinery Maintenance Mechanics	190	2.74	n/a
85128	Machinery Maintenance Workers	60	.86	33.46
85132	Maintenance Repairers, General Utility	220	3.17	18.71

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85999	All Other Mechanics, Installers, & Repairers	90	1.30	n/a
87102	Carpenters	10	.14	35.59
87202	Electricians	30	.43	34.27
87402	Painters & Paperhangers, Construction & Maintenance	10	.14	34.58
89808	Food Batchmakers	60	.86	43.13
89899	All Other Precision Food & Tobacco Workers	70	1.01	n/a
92917	Cooking Machine Operators & Tenders, Food & Tobacco	20	.29	38.24
92921	Roasting, Baking, & Drying Machine Operators & Tenders, Food & Tobacco	20	.29	36.78
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders	30	.43	29.43
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	580	8.36	20.52
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders	200	2.88	28.28
92974	Packaging & Filling Machine Operators & Tenders	460	6.63	19.00
92997	All Other Machine Setters & Set-Up Operators	20	.29	n/a
92998	All Other Machine Operators & Tenders	30	.43	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators	650	9.37	n/a
95000	Plant & System Occupations	60	.86	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	450	6.48	13.57
97105	Truck Drivers, Light, Including Delivery & Route Workers	100	1.44	34.89
97199	All Other Motor Vehicle Operators	20	.29	n/a
97947	Industrial Truck & Tractor Operators	160	2.31	15.26
97999	All Other Material Moving Equipment Operators	50	.72	n/a
98102	Mechanic & Repairer Helpers	40	.58	47.22
98502	Machine Feeders & Offbearers	90	1.30	32.11
98700	Freight, Stock, & Material Movers, Hand	450	6.48	n/a
98902	Hand Packers & Packagers	130	1.87	25.90
98905	Vehicle Washers & Equipment Cleaners	30	.43	35.50
98999	All Other Helpers, Laborers, & Material Movers, Hand	250	3.60	n/a

Table 5
SIC 205
BAKERY PRODUCTS

This group includes establishments primarily engaged in manufacturing bread, cakes, "dry" bakery products (biscuits, crackers, and cookies), and other "perishable" bakery products. Establishments manufacturing bakery products for sale primarily for home delivery, or through one or more non-baking retail outlets, are also included in this industry.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	10,820	100.00	n/a
13002	Financial Managers	30	.28	22.78
13011	Marketing, Advertising, & Public Relations Managers	50	.46	23.01
15014	Industrial Production Managers	60	.56	26.95
19005	General Managers & Top Executives	180	1.66	42.87
19999	All Other Managers & Administrators	110	1.02	n/a
22128	Industrial Engineers, Except Safety	10	.09	37.93
22199	All Other Engineers	20	.18	n/a
22500	Engineering & Related Technicians & Technologists	20	.18	n/a
24500	Physical & Life Science Technicians & Technologists	20	.18	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	100	.93	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	150	1.39	36.90
49011	Salespersons, Retail	480	4.44	47.12
49023	Cashiers	240	2.22	28.15
49999	All Other Sales & Related Workers	300	2.77	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	30	.28	37.55
55100	Secretaries	50	.46	n/a
55314	Personnel Clerks, Except Payroll & Timekeeping	20	.18	23.93
55323	Order Clerks; Materials, Merchandise, & Service	40	.37	30.25
55338	Bookkeeping, Accounting, & Auditing Clerks	130	1.20	39.28
55341	Payroll & Timekeeping Clerks	30	.28	15.61
56002	Billing, Posting, & Calculating Machine Operators	20	.18	35.34
56011	Computer Operators, Except Peripheral Equipment	20	.18	42.93
56099	All Other Office Machine Operators	20	.18	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	90	.83	23.88

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58028	Traffic, Shipping, & Receiving Clerks..........................	230	2.13	29.81
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.18	n/a
59999	All Other Clerical & Administrative Support Workers..................	250	2.31	n/a
61000	First Line Supervisors/Managers, Service.........................	80	.74	n/a
63047	Guards & Watch Guards..............	30	.28	33.51
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	530	4.90	14.84
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	60	.56	14.23
81008	First Line Supervisors/Managers, Production & Operating Workers....	370	3.42	17.77
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	90	.83	27.26
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	50	.46	19.25
83000	Inspectors & Related Occupations....	20	.18	n/a
85110	Machinery Maintenance Mechanics....	170	1.57	n/a
85132	Maintenance Repairers, General Utility.........................	240	2.22	16.73
85311	Bus & Truck Mechanics, & Diesel Engine Specialists...............	70	.65	29.43
85999	All Other Mechanics, Installers, & Repairers........................	220	2.03	n/a
87202	Electricians.......................	30	.28	22.92
87402	Painters & Paperhangers, Construction & Maintenance........	20	.18	22.67
87502	Plumbers,Pipefitters, & Steamfitters	10	.09	20.46
89805	Bakers, Manufacturing..............	1,280	11.83	27.80
89899	All Other Precision Food & Tobacco Workers..........................	80	.74	n/a
89999	All Other Precision Workers.........	10	.09	n/a
92921	Roasting, Baking, & Drying Machine Operators & Tenders, Food & Tobacco.........................	310	2.87	43.13
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	150	1.39	35.93
92974	Packaging & Filling Machine Operators & Tenders..............	890	8.23	24.55
92997	All Other Machine Setters & Set-Up Operators........................	40	.37	n/a
92998	All Other Machine Operators & Tenders.........................	140	1.29	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	60	.55	n/a
97102	Truck Drivers, Heavy or Tractor Trailer...........................	390	3.61	19.63
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	190	1.76	49.58
97117	Driver/Sales Workers................	960	8.87	30.47
97947	Industrial Truck & Tractor Operators	30	.28	27.63
97999	All Other Material Moving Equipment Operators........................	70	.65	n/a
98102	Mechanic & Repairer Helpers.........	50	.46	19.65
98700	Freight, Stock, & Material Movers, Hand..............................	170	1.57	n/a
98902	Hand Packers & Packagers............	370	3.42	38.74
98905	Vehicle Washers & Equipment Cleaners	150	1.39	32.64
98999	All Other Helpers, Laborers, & Material Movers, Hand............	770	7.12	n/a

Table 6
SIC 206
SUGAR AND CONFECTIONERY PRODUCTS

This group includes establishments primarily engaged in manufacturing cane sugar; beet sugar; candy and other confectionery products; chocolate and cocoa products; and chewing gum or chewing gum base. This group also includes establishments that refine cane sugar.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,750	100.00	n/a
19005	General Managers & Top Executives	50	1.82	19.08
19999	All Other Managers & Administrators	100	3.64	n/a
21114	Accountants & Auditors	20	.73	11.75
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.36	23.30
21999	All Other Mgmt Support Workers	40	1.46	n/a
22100	Engineers	20	.73	n/a
22500	Engineering & Related Technicians & Technologists	10	.36	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	40	1.45	n/a
49008	Other Sales Representatives, Except Retail	20	.73	33.44
49999	All Other Sales & Related Workers	20	.73	n/a
55100	Secretaries	50	1.82	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	30	1.09	22.35
55347	General Office Clerks	40	1.45	20.90
56000	Electronic Data Processing & Other Office Machine Occupations	10	.36	n/a
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	20	.73	32.36
58028	Traffic, Shipping, & Receiving Clerks	30	1.09	17.53
58099	All Other Material Recording, Scheduling, & Distributing Workers	50	1.82	n/a
59999	All Other Clerical & Administrative Support Workers	70	2.55	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	30	1.09	35.16
69999	All Other Service Workers	10	.36	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations	10	.36	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers	80	2.91	7.83
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	40	1.46	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83000	Inspectors & Related Occupations....	20	.73	n/a
85132	Maintenance Repairers, General Utility...........................	40	1.45	30.12
85999	All Other Mechanics, Installers, & Repairers........................	290	10.55	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving..........................	60	2.18	n/a
89108	Machinists.........................	30	1.09	36.35
89808	Food Batchmakers....................	90	3.27	23.82
89999	All Other Precision Workers.........	20	.73	n/a
92917	Cooking Machine Operators & Tenders, Food & Tobacco...................	90	3.27	29.93
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders...............	50	1.82	13.74
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	40	1.45	36.11
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders..........................	60	2.18	42.64
92974	Packaging & Filling Machine Operators & Tenders...............	340	12.36	19.44
92998	All Other Machine Operators & Tenders..........................	110	4.00	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	40	1.45	n/a
95000	Plant & System Occupations..........	30	1.09	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	80	2.91	36.09
97947	Industrial Truck & Tractor Operators	80	2.91	44.03
97999	All Other Material Moving Equipment Operators........................	20	.73	n/a
98502	Machine Feeders & Offbearers........	20	.73	34.28
98700	Freight, Stock, & Material Movers, Hand.............................	60	2.18	n/a
98902	Hand Packers & Packagers............	60	2.18	38.12
98999	All Other Helpers, Laborers, & Material Movers, Hand............	320	11.64	n/a

Table 7
SIC 22
TEXTILE MILL PRODUCTS

This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics, and miscellaneous textiles.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	4,960	100.00	n/a
13014	Administrative Services Managers....	10	.20	4.34
19005	General Managers & Top Executives...	90	1.81	16.18
19999	All Other Managers & Administrators.	130	2.62	n/a
21114	Accountants & Auditors..............	30	.61	24.25
21999	All Other Mgmt Support Workers......	10	.20	n/a
22100	Engineers...........................	10	.20	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	50	1.01	n/a
49008	Other Sales Representatives, Except Retail....................	60	1.21	32.35
49999	All Other Sales & Related Workers...	30	.60	n/a
55100	Secretaries.........................	60	1.21	n/a
55323	Order Clerks; Materials, Merchandise, & Service...........	20	.40	27.50
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	40	.81	12.63
55341	Payroll & Timekeeping Clerks........	10	.20	11.75
55344	Billing, Cost & Rate Clerks.........	20	.40	15.45
55347	General Office Clerks...............	70	1.41	15.14
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.20	n/a
58008	Production, Planning, & Expediting Clerks...........................	10	.20	12.04
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	40	.81	21.10
58028	Traffic, Shipping, & Receiving Clerks...........................	40	.81	19.73
59999	All Other Clerical & Administrative Support Workers..................	50	1.01	n/a
63047	Guards & Watch Guards...............	20	.40	17.90
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	60	1.21	3.50

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
67099	All Other Cleaning & Building Service Workers, Except Private Households	40	.81	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations	10	.20	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers	230	4.64	10.15
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	10	.20	n/a
83002	Precision Inspectors, Testers, & Graders	20	.40	28.53
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	190	3.83	7.02
85112	Machinery Maintenance Mechanics, Textile Machines	120	2.42	21.47
85119	All Other Machinery Maintenance Mechanics	20	.40	n/a
85128	Machinery Maintenance Workers	50	1.01	14.11
85132	Maintenance Repairers, General Utility	130	2.62	9.30
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	10	.20	15.61
85999	All Other Mechanics, Installers, & Repairers	10	.20	n/a
87202	Electricians	30	.61	12.75
87899	All Other Construction Trades Workers	10	.20	n/a
89000	Precision Production Occupations	10	.20	n/a
92702	Textile Machine Setters & Set-Up Operators	420	8.47	12.61
92705	Textile Machine Operators & Tenders; Winding, Twisting, Knitting, Weaving, & Cutting	1,470	29.64	5.17
92711	Textile Draw-Out Machine Operators & Tenders	120	2.42	7.57
92714	Textile Bleaching & Dyeing Machine Operators & Tenders	80	1.61	17.74
92717	Sewing Machine Operators, Garment	120	2.42	17.91
92721	Sewing Machine Operators, Non-Garment	70	1.41	56.03
92941	Cutting & Slicing Machine Setters & Set-Up Operators	10	.20	24.35
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	50	1.01	11.25

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92974	Packaging & Filling Machine Operators & Tenders	30	.61	19.72
92997	All Other Machine Setters & Set-Up Operators	90	1.81	n/a
92998	All Other Machine Operators & Tenders	220	4.44	n/a
93923	Sewers, Hand	40	.81	1.41
93999	All Other Hand Workers	40	.81	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	20	.40	11.38
97105	Truck Drivers, Light, Including Delivery & Route Workers	10	.20	20.90
97947	Industrial Truck & Tractor Operators	50	1.01	18.92
97999	All Other Material Moving Equipment Operators	10	.20	n/a
98502	Machine Feeders & Offbearers	60	1.21	19.47
98700	Freight, Stock, & Material Movers, Hand	100	2.02	n/a
98902	Hand Packers & Packagers	60	1.21	52.31
98999	All Other Helpers, Laborers, & Material Movers, Hand	130	2.62	n/a

Table 8
SIC 221
BROAD WOVEN FABRIC MILLS, COTTON

This group includes establishments primarily engaged in weaving fabrics over twelve inches in width, wholly or chiefly by weight of cotton.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,060	100.00	n/a
19005	General Managers & Top Executives...	10	.33	11.36
19999	All Other Managers & Administrators.	30	.98	n/a
22100	Engineers..........................	10	.33	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	50	1.63	n/a
40000	Sales & Related Occupations.........	10	.33	n/a
55100	Secretaries........................	10	.33	n/a
55341	Payroll & Timekeeping Clerks........	10	.33	14.28
55344	Billing, Cost & Rate Clerks.........	10	.33	18.96
55347	General Office Clerks...............	30	.98	23.04
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.33	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.65	26.60
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.65	n/a
59999	All Other Clerical & Administrative Support Workers..................	20	.65	n/a
61000	First Line Supervisors/Managers, Service...........................	80	2.61	n/a
63047	Guards & Watch Guards..............	20	.65	11.50
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	30	.98	4.80
67099	All Other Cleaning & Building Service Workers, Except Private Households........................	40	1.31	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	110	3.59	20.20
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.33	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers..........................	130	4.25	6.60
85112	Machinery Maintenance Mechanics, Textile Machines..................	80	2.61	28.59
85132	Maintenance Repairers, General Utility...........................	80	2.61	13.61
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers.......................	10	.33	15.61

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85999	All Other Mechanics, Installers, & Repairers	50	1.63	n/a
87202	Electricians	30	.98	13.43
87899	All Other Construction Trades Workers	10	.33	n/a
89000	Precision Production Occupations	10	.33	n/a
92702	Textile Machine Setters & Set-Up Operators	390	12.75	13.60
92705	Textile Machine Operators & Tenders; Winding, Twisting, Knitting, Weaving, & Cutting	1,040	33.99	6.69
92711	Textile Draw-Out Machine Operators & Tenders	110	3.59	8.01
92998	All Other Machine Operators & Tenders	390	12.75	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators	10	.33	n/a
97999	All Other Material Moving Equipment Operators	30	.98	n/a
98700	Freight, Stock, & Material Movers, Hand	50	1.63	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	110	3.59	n/a

Table 9
SIC 23
APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics, and furs.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	59,760	100.00	n/a
13002	Financial Managers..................	60	.10	40.73
13005	Personnel, Training, & Labor Relations Managers................	80	.13	13.37
13008	Purchasing Managers.................	50	.08	20.36
13011	Marketing, Advertising, & Public Relations Managers................	50	.08	22.75
13014	Administrative Services Managers....	50	.08	26.48
15014	Industrial Production Managers......	290	.49	11.74
19005	General Managers & Top Executives...	1,040	1.74	23.93
19999	All Other Managers & Administrators.	130	.22	n/a
21100	Accountants, Auditors, & Other Financial Specialists.............	40	.07	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	30	.05	22.53
21511	Personnel, Training, & Labor Relations Specialists.............	30	.05	20.64
21902	Cost Estimators.....................	30	.05	21.74
21999	All Other Mgmt Support Workers......	60	.10	n/a
22128	Industrial Engineers, Except Safety.	90	.15	15.51
22135	Mechanical Engineers................	10	.02	26.50
22199	All Other Engineers.................	10	.02	n/a
22508	Industrial Engineering Technicians & Technologists.....................	30	.05	19.01
24599	All Other Physical & Life Science Technicians & Technologists.......	10	.02	n/a
25105	Computer Programmers................	50	.08	20.67
25108	Computer Programmer Aides...........	20	.03	15.45
31314	Teachers & Instructors, Vocational Education & Training.............	140	.23	25.12
39999	All Other Professional, Paraprofessional, & Technical Workers.......	170	.28	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	70	.12	27.90
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	260	.44	28.43

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49008	Other Sales Representatives, Except Retail....................	590	.99	47.89
49999	All Other Sales & Related Workers...	80	.13	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	110	.19	12.17
55100	Secretaries........................	370	.62	n/a
55302	Stenographers......................	30	.05	35.51
55305	Receptionists & Information Clerks..	80	.13	22.50
55308	Typists............................	50	.08	30.12
55314	Personnel Clerks, Except Payroll & Timekeeping......................	90	.15	11.11
55321	File Clerks........................	50	.08	34.00
55323	Order Clerks; Materials, Merchandise, & Service............	110	.19	18.04
55326	Procurement Clerks.................	30	.05	20.46
55328	Statistical Clerks.................	10	.02	27.48
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	420	.70	16.91
55341	Payroll & Timekeeping Clerks........	500	.84	41.16
55344	Billing, Cost & Rate Clerks.........	150	.25	31.62
55347	General Office Clerks..............	580	.97	17.51
56002	Billing, Posting, & Calculating Machine Operators.................	50	.08	36.87
56011	Computer Operators, Except Peripheral Equipment.............	100	.17	18.72
56017	Data Entry Keyers, Except Composing.	190	.32	22.13
56099	All Other Office Machine Operators..	10	.02	n/a
58008	Production, Planning, & Expediting Clerks..........................	240	.40	16.58
58021	Marking Clerks.....................	140	.23	26.43
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	420	.70	34.13
58028	Traffic, Shipping, & Receiving Clerks..........................	920	1.54	17.00
58099	All Other Material Recording, Scheduling, & Distributing Workers	180	.30	n/a
59999	All Other Clerical & Administrative Support Workers..................	200	.33	n/a
61000	First Line Supervisors/Managers, Service.........................	110	.19	n/a
63047	Guards & Watch Guards...............	60	.10	35.81
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	570	.95	14.32
69999	All Other Service Workers..........	30	.05	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	70	.12	13.87
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	10	.02	45.72

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81008	First Line Supervisors/Managers, Production & Operating Workers....	1,830	3.06	8.89
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	110	.19	31.94
83002	Precision Inspectors, Testers, & Graders..........................	110	.19	32.57
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	1,620	2.71	13.72
85112	Machinery Maintenance Mechanics, Textile Machines.................	40	.07	34.19
85113	Machinery Maintenance Mechanics, Sewing Machines..................	720	1.20	4.23
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant...	20	.03	21.32
85119	All Other Machinery Maintenance Mechanics.........................	20	.03	n/a
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers.......................	10	.02	38.61
85956	Menders-Garments, Linens, & Related.	220	.37	14.77
85999	All Other Mechanics, Installers, & Repairers........................	140	.23	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving..........................	20	.03	n/a
89502	Fabric & Apparel Patternmakers, & Layout Workers....................	380	.64	35.99
89505	Custom Tailors & Sewers............	210	.35	28.89
89599	All Other Precision Textile, Apparel, & Furnishings Workers....	120	.20	n/a
89999	All Other Precision Workers.........	50	.08	n/a
92705	Textile Machine Operators & Tenders; Winding, Twisting, Knitting, Weaving, & Cutting...............	460	.77	35.74
92717	Sewing Machine Operators, Garment...	32,820	54.92	4.23
92721	Sewing Machine Operators, Non-Garment......................	2,420	4.05	12.54
92728	Pressing Machine Operators & Tenders; Textile, Garment, & Related Material.................	1,860	3.11	35.05
92941	Cutting & Slicing Machine Setters & Set-Up Operators.................	100	.17	28.30
92944	Cutting & Slicing Machine Operators & Tenders........................	130	.22	37.83
92956	Cementing & Gluing Machine Operators & Tenders........................	20	.03	12.39

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92997	All Other Machine Setters & Set-Up Operators	100	.17	n/a
92998	All Other Machine Operators & Tenders	450	.75	n/a
93923	Sewers, Hand	120	.20	24.96
93926	Cutters & Trimmers, Hand	950	1.59	33.02
93928	Portable Machine Cutters	830	1.39	14.56
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	100	.17	24.58
93999	All Other Hand Workers	710	1.19	n/a
95000	Plant & System Occupations	10	.02	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	80	.13	23.35
97105	Truck Drivers, Light, Including Delivery & Route Workers	100	.17	25.31
97947	Industrial Truck & Tractor Operators	60	.10	17.31
97951	Conveyer Operators & Tenders	10	.02	40.07
97999	All Other Material Moving Equipment Operators	10	.02	n/a
98502	Machine Feeders & Offbearers	170	.28	29.41
98700	Freight, Stock, & Material Movers, Hand	1,000	1.67	n/a
98902	Hand Packers & Packagers	750	1.26	14.46
98999	All Other Helpers, Laborers, & Material Movers, Hand	1,530	2.56	n/a

Table 10
SIC 231
MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS

This group includes establishments primarily engaged in manufacturing men's, youths', and boys' tailored suits, coats, and overcoats, and uniforms (except athletic uniforms).

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	1,700	100.00	n/a
19005	General Managers & Top Executives...	10	.59	42.27
19999	All Other Managers & Administrators.	20	1.18	n/a
20000	Professional, Paraprofessional, & Technical Occupations...........	20	1.18	n/a
40000	Sales & Related Occupations.........	10	.59	n/a
55341	Payroll & Timekeeping Clerks........	10	.59	10.12
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.59	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	1.18	30.07
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.59	n/a
59999	All Other Clerical & Administrative Support Workers..................	40	2.35	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	10	.59	17.67
81008	First Line Supervisors/Managers, Production & Operating Workers....	70	4.11	7.45
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	10	.59	n/a
83000	Inspectors & Related Occupations....	10	.59	n/a
85113	Machinery Maintenance Mechanics, Sewing Machines..................	10	.59	15.04
92717	Sewing Machine Operators, Garment...	1,280	75.29	1.01
92997	All Other Machine Setters & Set-Up Operators........................	10	.59	n/a
92998	All Other Machine Operators & Tenders..........................	30	1.76	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	30	1.76	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	90	5.29	n/a

Table 11
SIC 232
MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS

This group includes establishments primarily engaged in men's, youths', and boys' shirts; nightwear; underwear; neckwear; separate slacks and trousers; work clothing; and clothing, not elsewhere classified, that is cut and sewed from purchased woven or knit fabric.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	29,820	100.00	n/a
13005	Personnel, Training, & Labor Relations Managers................	40	.13	11.97
13014	Administrative Services Managers....	30	.10	43.36
15014	Industrial Production Managers......	150	.50	13.51
19005	General Managers & Top Executives...	180	.61	34.63
19999	All Other Managers & Administrators.	110	.37	n/a
21511	Personnel, Training, & Labor Relations Specialists............	10	.03	26.72
21999	All Other Mgmt Support Workers......	20	.07	n/a
22128	Industrial Engineers, Except Safety.	50	.17	23.12
22199	All Other Engineers................	10	.03	n/a
22508	Industrial Engineering Technicians & Technologists....................	10	.03	38.47
25105	Computer Programmers...............	20	.07	43.07
31314	Teachers & Instructors, Vocational Education & Training.............	130	.44	28.12
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.07	n/a
40000	Sales & Related Occupations........	90	.30	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	50	.17	21.88
55100	Secretaries........................	80	.27	n/a
55305	Receptionists & Information Clerks..	50	.17	35.61
55314	Personnel Clerks, Except Payroll & Timekeeping......................	60	.20	14.46
55323	Order Clerks; Materials, Merchandise, & Service...........	40	.13	32.96
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	130	.44	45.98
55341	Payroll & Timekeeping Clerks........	170	.57	14.78
55344	Billing, Cost & Rate Clerks.........	60	.20	41.04
55347	General Office Clerks..............	320	1.07	20.03
56011	Computer Operators, Except Peripheral Equipment.............	60	.20	25.81
56017	Data Entry Keyers, Except Composing.	120	.40	31.64
56099	All Other Office Machine Operators..	30	.10	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
57102	Switchboard Operators	10	.03	32.23
58008	Production, Planning, & Expediting Clerks	110	.37	21.97
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	20	.07	39.47
58021	Marking Clerks	90	.30	35.04
58028	Traffic, Shipping, & Receiving Clerks	320	1.07	27.68
58099	All Other Material Recording, Scheduling, & Distributing Workers	220	.74	n/a
59999	All Other Clerical & Administrative Support Workers	220	.74	n/a
61000	First Line Supervisors/Managers, Service	50	.17	n/a
63047	Guards & Watch Guards	50	.17	44.15
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	290	.97	12.69
69999	All Other Service Workers	10	.03	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	40	.13	22.09
81008	First Line Supervisors/Managers, Production & Operating Workers	720	2.41	9.09
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	60	.20	n/a
83000	Inspectors & Related Occupations	40	.13	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	780	2.62	14.45
85112	Machinery Maintenance Mechanics, Textile Machines	20	.07	49.17
85113	Machinery Maintenance Mechanics, Sewing Machines	490	1.64	4.92
85119	All Other Machinery Maintenance Mechanics	20	.07	n/a
85132	Maintenance Repairers, General Utility	20	.07	22.08
85956	Menders-Garments, Linens, & Related	180	.61	15.98
85999	All Other Mechanics, Installers, & Repairers	10	.03	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	10	.03	n/a
89502	Fabric & Apparel Patternmakers, & Layout Workers	70	.23	33.37
89999	All Other Precision Workers	40	.13	n/a
92717	Sewing Machine Operators, Garment	19,710	66.10	4.19
92728	Pressing Machine Operators & Tenders; Textile, Garment, & Related Material	700	2.35	13.67

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92997	All Other Machine Setters & Set-Up Operators........................	170	.57	n/a
92998	All Other Machine Operators & Tenders..........................	70	.23	n/a
93926	Cutters & Trimmers, Hand............	270	.91	33.72
93928	Portable Machine Cutters............	500	1.68	22.30
93999	All Other Hand Workers..............	280	.94	n/a
95000	Plant & System Occupations..........	10	.03	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	50	.17	34.23
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	20	.07	24.69
97947	Industrial Truck & Tractor Operators	50	.17	18.97
97999	All Other Material Moving Equipment Operators.......................	10	.03	n/a
98700	Freight, Stock, & Material Movers, Hand.............................	610	2.05	n/a
98902	Hand Packers & Packagers............	270	.91	24.32
98999	All Other Helpers, Laborers, & Material Movers, Hand............	1,170	3.92	n/a

Table 12
SIC 234
WOMEN'S, MISSES', CHILDREN'S AND INFANTS' UNDERGARMENTS

This group includes establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear, nightwear, brassieres, girdles, and allied garments. Manufactured garments are cut and sewed from purchased woven or knit fabric.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	3,380	100.00	n/a
13002	Financial Managers.................	10	.30	n/a
15014	Industrial Production Managers......	20	.59	n/a
19005	General Managers & Top Executives...	30	.89	6.38
19999	All Other Managers & Administrators.	30	.89	n/a
21100	Accountants, Auditors, & Other Financial Specialists............	10	.30	n/a
22100	Engineers..........................	10	.30	n/a
22500	Engineering & Related Technicians & Technologists..................	10	.30	n/a
34038	Designers, Except Interior Designers	20	.59	17.13
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.89	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	10	.30	n/a
49008	Other Sales Representatives, Except Retail....................	50	1.47	n/a
49999	All Other Sales & Related Workers...	20	.59	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	20	.59	n/a
55100	Secretaries........................	30	.89	n/a
55323	Order Clerks; Materials, Merchandise, & Service...........	10	.30	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	10	.30	8.23
55341	Payroll & Timekeeping Clerks........	20	.59	6.40
55347	General Office Clerks..............	20	.59	2.78
56000	Electronic Data Processing & Other Office Machine Occupations........	20	.59	n/a
58008	Production, Planning, & Expediting Clerks..........................	20	.59	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	60	1.77	2.95
58028	Traffic, Shipping, & Receiving Clerks..........................	70	2.07	3.96
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.30	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
59999	All Other Clerical & Administrative Support Workers..................	40	1.18	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	1.18	1.70
81008	First Line Supervisors/Managers, Production & Operating Workers....	100	2.95	2.24
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.30	n/a
83002	Precision Inspectors, Testers, & Graders..........................	20	.59	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	200	5.91	1.45
85113	Machinery Maintenance Mechanics, Sewing Machines..................	40	1.18	1.92
85999	All Other Mechanics, Installers, & Repairers.......................	10	.30	n/a
89502	Fabric & Apparel Patternmakers, & Layout Workers...................	30	.89	1.76
89599	All Other Precision Textile, Apparel, & Furnishings Workers....	10	.30	n/a
92705	Textile Machine Operators & Tenders; Winding, Twisting, Knitting, Weaving, & Cutting...............	30	.89	12.79
92717	Sewing Machine Operators, Garment...	1,810	53.55	1.35
92728	Pressing Machine Operators & Tenders; Textile, Garment, & Related Material.................	20	.59	7.25
92997	All Other Machine Setters & Set-Up Operators........................	50	1.48	n/a
92998	All Other Machine Operators & Tenders..........................	200	5.91	n/a
93928	Portable Machine Cutters............	50	1.48	2.00
93999	All Other Hand Workers..............	30	.89	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	10	.30	n/a
98700	Freight, Stock, & Material Movers, Hand.............................	40	1.18	n/a
98902	Hand Packers & Packagers............	70	2.07	4.60
98999	All Other Helpers, Laborers, & Material Movers, Hand.............	30	.89	n/a

Table 13
SIC 236
GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR

This group includes establishments engaged in manufacturing girls', children's, and infants' dresses; blouses; waists; shirts; coats; suits; and outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	1,210	100.00	n/a
19005	General Managers & Top Executives	20	1.65	4.37
19999	All Other Managers & Administrators	20	1.65	n/a
21100	Accountants, Auditors, & Other Financial Specialists	10	.83	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	10	.83	n/a
40000	Sales & Related Occupations	30	2.47	n/a
55100	Secretaries	10	.83	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	10	.83	7.32
55347	General Office Clerks	10	.83	10.97
58028	Traffic, Shipping, & Receiving Clerks	30	2.48	3.38
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.83	n/a
59999	All Other Clerical & Administrative Support Workers	20	1.65	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	10	.83	7.94
81008	First Line Supervisors/Managers, Production & Operating Workers	80	6.61	7.28
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	30	2.48	6.45
85000	Mechanics, Installers, & Repairers	10	.83	n/a
89502	Fabric & Apparel Patternmakers, & Layout Workers	10	.83	7.74
89599	All Other Precision Textile, Apparel, & Furnishings Workers	20	1.65	n/a
92717	Sewing Machine Operators, Garment	660	54.54	1.41
92728	Pressing Machine Operators & Tenders; Textile, Garment, & Related Material	30	2.48	6.87
92998	All Other Machine Operators & Tenders	80	6.61	n/a
93921	Pressers, Hand	40	3.30	10.12
93926	Cutters & Trimmers, Hand	20	1.65	4.01
93928	Portable Machine Cutters	20	1.65	6.66
93999	All Other Hand Workers	10	.83	n/a
98902	Hand Packers & Packagers	10	.83	11.75

Table 14
SIC 238
MISCELLANEOUS APPAREL AND ACCESSORIES

This group includes establishments primarily engaged in manufacturing dress and work gloves, except knit and all-leather; men's and women's robes and dressing gowns; raincoats and other waterproof outer garments; leather and sheep lined clothing; apparel belts; and apparel and accessories, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	1,580	100.00	n/a
19005	General Managers & Top Executives	60	3.80	3.16
19999	All Other Managers & Administrators.	30	1.90	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	20	1.27	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	10	.63	17.53
49008	Other Sales Representatives, Except Retail	150	9.49	11.48
49999	All Other Sales & Related Workers	10	.63	n/a
55100	Secretaries	30	1.90	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	10	.63	10.07
55347	General Office Clerks	20	1.27	11.96
56017	Data Entry Keyers, Except Composing.	10	.63	4.71
56099	All Other Office Machine Operators	10	.63	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	50	3.16	2.85
58028	Traffic, Shipping, & Receiving Clerks	30	1.90	8.31
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	1.27	n/a
59999	All Other Clerical & Administrative Support Workers	30	1.90	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	20	1.27	5.93
81008	First Line Supervisors/Managers, Production & Operating Workers	60	3.80	4.84
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.63	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	30	1.90	20.02
83099	All Other Inspectors, Testers, & Related Occupations	10	.63	n/a
85000	Mechanics, Installers, & Repairers	10	.63	n/a
89505	Custom Tailors & Sewers	10	.63	42.05

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89599	All Other Precision Textile, Apparel, & Furnishings Workers....	50	3.16	n/a
92717	Sewing Machine Operators, Garment...	320	20.25	14.53
92721	Sewing Machine Operators, Non-Garment......................	200	12.66	8.68
92728	Pressing Machine Operators & Tenders; Textile, Garment, & Related Material.................	20	1.27	13.89
92941	Cutting & Slicing Machine Setters & Set-Up Operators.................	20	1.27	16.50
92956	Cementing & Gluing Machine Operators & Tenders........................	20	1.27	12.39
92997	All Other Machine Setters & Set-Up Operators........................	30	1.90	n/a
92998	All Other Machine Operators & Tenders..........................	30	1.90	n/a
93921	Pressers, Hand.....................	10	.63	14.76
93923	Sewers, Hand.......................	40	2.53	15.97
93926	Cutters & Trimmers, Hand............	60	3.80	6.90
93928	Portable Machine Cutters............	10	.63	16.48
93999	All Other Hand Workers..............	20	1.27	n/a
98700	Freight, Stock, & Material Movers, Hand............................	10	.63	n/a
98902	Hand Packers & Packagers............	10	.63	17.89
98999	All Other Helpers, Laborers, & Material Movers, Hand............	90	5.70	n/a

Table 15
SIC 239
MISCELLANEOUS FABRICATED TEXTILE PRODUCTS

This group includes establishments primarily engaged in manufacturing curtains, draperies, and housefurnishings such as blankets, bedspreads, sheets, tablecloths, and towels from purchased materials. Also included are the manufacture of textile bags; canvas and related products; pleating, decorative and novelty stitching, and tucking for the trade; automotive trimmings, apparel findings, and related products; schiffli machine embroideries; and fabricated textile products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	5,930	100.00	n/a
13002	Financial Managers..................	10	.17	29.24
15014	Industrial Production Managers......	20	.34	23.80
19005	General Managers & Top Executives...	260	4.38	10.22
19999	All Other Managers & Administrators.	30	.51	n/a
34038	Designers, Except Interior Designers	20	.34	34.06
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.51	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	20	.34	34.92
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	20	.34	30.14
49008	Other Sales Representatives, Except Retail....................	150	2.53	21.13
49999	All Other Sales & Related Workers...	20	.34	n/a
55100	Secretaries.........................	120	2.02	n/a
55323	Order Clerks; Materials, Merchandise, & Service............	10	.17	42.24
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	120	2.02	15.51
55341	Payroll & Timekeeping Clerks........	30	.51	20.64
55344	Billing, Cost & Rate Clerks.........	10	.17	30.13
55347	General Office Clerks...............	110	1.85	27.31
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.17	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.34	33.57
58028	Traffic, Shipping, & Receiving Clerks...........................	110	1.85	15.67
59999	All Other Clerical & Administrative Support Workers.................	30	.51	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	50	.84	18.60
81008	First Line Supervisors/Managers, Production & Operating Workers....	290	4.89	9.44

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.17	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers..........................	180	3.04	20.72
83099	All Other Inspectors, Testers, & Related Occupations...............	20	.34	n/a
85113	Machinery Maintenance Mechanics, Sewing Machines..................	40	.67	20.12
85999	All Other Mechanics, Installers, & Repairers.......................	80	1.35	n/a
89502	Fabric & Apparel Patternmakers, & Layout Workers..................	60	1.01	29.24
89999	All Other Precision Workers.........	60	1.01	n/a
92705	Textile Machine Operators & Tenders; Winding, Twisting, Knitting, Weaving, & Cutting...............	370	6.24	40.11
92717	Sewing Machine Operators, Garment...	550	9.27	24.77
92721	Sewing Machine Operators, Non-Garment.....................	1,750	29.51	8.69
92728	Pressing Machine Operators & Tenders; Textile, Garment, & Related Material.................	40	.67	42.83
92997	All Other Machine Setters & Set-Up Operators.......................	80	1.35	n/a
92998	All Other Machine Operators & Tenders..........................	110	1.85	n/a
93921	Pressers, Hand.....................	140	2.36	40.46
93926	Cutters & Trimmers, Hand............	140	2.36	20.97
93928	Portable Machine Cutters............	60	1.01	27.14
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	50	.84	32.59
93999	All Other Hand Workers..............	90	1.52	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	10	.17	37.16
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	50	.84	47.41
97999	All Other Material Moving Equipment Operators.......................	10	.17	n/a
98502	Machine Feeders & Offbearers........	80	1.35	35.88
98700	Freight, Stock, & Material Movers, Hand............................	180	3.04	n/a
98902	Hand Packers & Packagers............	200	3.37	28.24
98999	All Other Helpers, Laborers, & Material Movers, Hand............	80	1.35	n/a

Table 16
SIC 24
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, plywood mills, and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	39,380	100.00	n/a
13002	Financial Managers	70	.18	9.98
13005	Personnel, Training, & Labor Relations Managers	50	.13	8.94
13008	Purchasing Managers	60	.15	6.46
13011	Marketing, Advertising, & Public Relations Managers	50	.13	9.68
13014	Administrative Services Managers	20	.05	21.80
15014	Industrial Production Managers	240	.61	9.41
19005	General Managers & Top Executives	980	2.49	12.18
19999	All Other Managers & Administrators	70	.18	n/a
21114	Accountants & Auditors	160	.41	17.18
21199	All Other Financial Specialists	10	.03	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	80	.20	11.53
21511	Personnel, Training, & Labor Relations Specialists	10	.03	16.83
21999	All Other Mgmt Support Workers	80	.20	n/a
22128	Industrial Engineers, Except Safety	30	.08	12.91
22135	Mechanical Engineers	20	.05	15.83
22199	All Other Engineers	30	.08	n/a
22514	Drafters	110	.28	25.21
22599	All Other Engineering & Related Technicians & Technologists	30	.08	n/a
24302	Forester & Conservation Scientists	20	.05	27.19
24599	All Other Physical & Life Science Technicians & Technologists	20	.05	n/a
25105	Computer Programmers	20	.05	25.33
25108	Computer Programmer Aides	10	.03	21.60
39999	All Other Professional, Paraprofessional, & Technical Workers	30	.08	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	50	.13	17.72
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	100	.25	26.01
49008	Other Sales Representatives, Except Retail	580	1.47	13.40

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49999	All Other Sales & Related Workers	20	.05	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	60	.15	11.59
55100	Secretaries	630	1.60	n/a
55305	Receptionists & Information Clerks	40	.10	13.31
55308	Typists	30	.08	17.87
55314	Personnel Clerks, Except Payroll & Timekeeping	20	.05	11.05
55321	File Clerks	10	.03	22.65
55323	Order Clerks; Materials, Merchandise, & Service	70	.18	26.42
55326	Procurement Clerks	20	.05	18.95
55338	Bookkeeping, Accounting, & Auditing Clerks	520	1.32	33.61
55341	Payroll & Timekeeping Clerks	60	.15	10.18
55344	Billing, Cost & Rate Clerks	40	.10	9.99
55347	General Office Clerks	490	1.24	24.16
56011	Computer Operators, Except Peripheral Equipment	20	.05	24.26
56017	Data Entry Keyers, Except Composing	20	.05	19.66
56099	All Other Office Machine Operators	10	.03	n/a
57102	Switchboard Operators	30	.08	11.15
58008	Production, Planning, & Expediting Clerks	70	.18	15.72
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	20	.05	23.87
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	80	.20	22.32
58028	Traffic, Shipping, & Receiving Clerks	340	.86	21.57
59999	All Other Clerical & Administrative Support Workers	20	.05	n/a
61000	First Line Supervisors/Managers, Service	30	.08	n/a
63047	Guards & Watch Guards	300	.76	22.76
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	330	.84	17.54
67099	All Other Cleaning & Building Service Workers, Except Private Households	20	.05	n/a
69999	All Other Service Workers	20	.05	n/a
72002	First Line Supervisors; Agricultural, Forestry, Fishing & Related Occupations	150	.38	10.01
73002	Fallers & Buckers	360	.91	11.18
73005	Choke Setters	40	.10	23.58
73008	Log Handling Equipment Operators	310	.78	10.50
73011	Logging Tractor Operators	510	1.30	7.42

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
79002	Forest & Conservation Workers.......	160	.41	12.63
79005	Nursery Workers....................	20	.05	35.85
79014	Gardeners & Groundskeepers, Except Farm............................	10	.03	41.38
79999	All Other Agricultural, Forestry, Fishing, & Related Workers........	140	.35	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	80	.20	8.18
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	90	.23	18.71
81008	First Line Supervisors/Managers, Production & Operating Workers....	1,590	4.04	7.65
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	70	.18	10.17
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	140	.35	15.82
83002	Precision Inspectors, Testers, & Graders..........................	10	.03	16.38
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	540	1.37	10.46
85110	Machinery Maintenance Mechanics....	150	.38	n/a
85123	Millwrights.......................	50	.13	22.87
85128	Machinery Maintenance Workers.......	170	.43	9.41
85132	Maintenance Repairers, General Utility..........................	710	1.80	8.24
85302	Automotive Mechanics...............	50	.13	10.83
85311	Bus & Truck Mechanics, & Diesel Engine Specialists...............	40	.10	21.18
85314	Mobile Heavy Equipment Mechanics, Except Engines..................	50	.13	14.57
85938	Installers & Repairers; Manufactured Buildings, Mobile Homes, & Travel Trailers.........................	790	2.01	17.44
85999	All Other Mechanics, Installers, & Repairers.......................	40	.10	n/a
87102	Carpenters.........................	2,220	5.64	20.45
87202	Electricians.......................	430	1.09	13.56
87402	Painters & Paperhangers, Construction & Maintenance........	120	.30	18.31
87502	Plumbers,Pipefitters, & Steamfitters	200	.51	11.32
87899	All Other Construction Trades Workers..........................	600	1.52	n/a
89108	Machinists.........................	50	.13	24.19
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	50	.13	9.99

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89132	Sheet Metal Workers................	20	.05	24.36
89199	All Other Precision Metal Workers...	20	.05	n/a
89302	Pattern & Model Makers, Wood........	20	.05	32.80
89308	Wood Machinists....................	1,300	3.30	47.56
89311	Cabinetmakers & Bench Carpenters...	2,180	5.54	32.64
89314	Furniture Finishers................	40	.10	32.77
89399	All Other Precision Woodworkers.....	150	.38	n/a
89508	Upholsterers.......................	20	.05	39.16
89999	All Other Precision Workers.........	60	.15	n/a
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	40	.10	31.47
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	60	.15	35.18
91705	Welding Machine Operators & Tenders.	30	.08	16.18
92302	Sawing Machine Setters & Set-Up Operators........................	380	.96	22.83
92305	Head Sawyers.......................	330	.84	27.35
92308	Sawing Machine Operators & Tenders..	1,850	4.70	11.35
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing..........	620	1.57	17.60
92314	Woodworking Machine Operators & Tenders, Except Sawing...........	1,330	3.37	24.48
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders........	180	.46	9.33
92926	Boiler Operators & Tenders, Low Pressure........................	120	.30	9.70
92941	Cutting & Slicing Machine Setters & Set-Up Operators................	10	.03	41.82
92944	Cutting & Slicing Machine Operators & Tenders........................	40	.10	29.05
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	200	.51	49.31
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	330	.84	44.12
92956	Cementing & Gluing Machine Operators & Tenders.......................	450	1.14	11.99
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders.........................	20	.05	26.26
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders.........................	20	.05	25.90
92974	Packaging & Filling Machine Operators & Tenders..............	200	.51	28.33
92997	All Other Machine Setters & Set-Up Operators........................	110	.28	n/a
92998	All Other Machine Operators & Tenders.........................	140	.35	n/a
93911	Glaziers, Manufacturing............	170	.43	34.87

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
93926	Cutters & Trimmers, Hand	20	.05	34.69
93932	Carpet Cutters, Diagrammers, & Seamers	70	.18	17.64
93947	Painting, Coating, & Decorating Workers, Hand	20	.05	30.10
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	3,470	8.81	12.64
93999	All Other Hand Workers	550	1.40	n/a
95000	Plant & System Occupations	20	.05	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	1,160	2.95	7.03
97199	All Other Motor Vehicle Operators	170	.43	n/a
97941	Hoist & Winch Operators	80	.20	15.84
97947	Industrial Truck & Tractor Operators	1,200	3.04	7.95
97951	Conveyer Operators & Tenders	130	.33	6.22
97999	All Other Material Moving Equipment Operators	70	.18	n/a
98102	Mechanic & Repairer Helpers	40	.10	17.87
98300	Construction Trades & Extractive Worker Helpers	260	.66	n/a
98502	Machine Feeders & Offbearers	1,970	5.00	9.27
98700	Freight, Stock, & Material Movers, Hand	740	1.88	n/a
98902	Hand Packers & Packagers	350	.89	17.04
98999	All Other Helpers, Laborers, & Material Movers, Hand	2,430	6.17	n/a

Table 17
SIC 241
LOGGING CAMPS AND LOGGING CONTRACTORS

This group includes logging camps and logging contractors primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber, but who perform no cutting operations, are classified in nonmanufacturing industries.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,300	100.00	n/a
19005	General Managers & Top Executives	90	3.92	12.49
21114	Accountants & Auditors	20	.87	27.97
39999	All Other Professional, Paraprofessional, & Technical Workers	10	.43	n/a
55100	Secretaries	70	3.05	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	30	1.30	19.78
55347	General Office Clerks	10	.43	38.32
72002	First Line Supervisors; Agricultural, Forestry, Fishing & Related Occupations	110	4.79	8.82
73002	Fallers & Buckers	330	14.35	8.50
73005	Choke Setters	40	1.74	23.58
73008	Log Handling Equipment Operators	220	9.57	13.29
73011	Logging Tractor Operators	460	20.00	6.32
79002	Forest & Conservation Workers	160	6.96	12.77
79005	Nursery Workers	20	.87	35.85
79008	Log Graders & Scalers	30	1.30	22.48
81008	First Line Supervisors/Managers, Production & Operating Workers	40	1.74	14.03
83000	Inspectors & Related Occupations	10	.43	n/a
85132	Maintenance Repairers, General Utility	30	1.30	18.36
85302	Automotive Mechanics	20	.87	20.39
85314	Mobile Heavy Equipment Mechanics, Except Engines	30	1.30	16.95
92305	Head Sawyers	30	1.30	34.26
92998	All Other Machine Operators & Tenders	10	.43	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	400	17.39	5.30
97941	Hoist & Winch Operators	60	2.61	17.48
97999	All Other Material Moving Equipment Operators	20	.87	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers	50	2.18	n/a

Table 18
SIC 242
SAWMILLS AND PLANING MILLS

This group includes general sawmills and planing mills; hardwood dimension and flooring mills; and special product sawmills, not elsewhere classified

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	5,140	100.00	n/a
13005	Personnel, Training, & Labor Relations Managers	10	.19	15.29
15014	Industrial Production Managers	40	.78	3.84
19005	General Managers & Top Executives	80	1.56	14.57
19999	All Other Managers & Administrators	40	.78	n/a
21114	Accountants & Auditors	20	.39	42.53
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.19	14.75
39999	All Other Professional, Paraprofessional, & Technical Workers	20	.39	n/a
49008	Other Sales Representatives, Except Retail	40	.78	30.20
55100	Secretaries	50	.97	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	40	.78	32.87
55347	General Office Clerks	60	1.17	25.90
56000	Electronic Data Processing & Other Office Machine Occupations	10	.19	n/a
58008	Production, Planning, & Expediting Clerks	10	.19	38.71
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	40	.78	38.49
58028	Traffic, Shipping, & Receiving Clerks	30	.58	27.71
59999	All Other Clerical & Administrative Support Workers	30	.58	n/a
63047	Guards & Watch Guards	140	2.73	46.92
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	50	.97	29.30
67099	All Other Cleaning & Building Service Workers, Except Private Households	10	.19	n/a
72002	First Line Supervisors; Agricultural, Forestry, Fishing & Related Occupations	30	.58	42.30
73008	Log Handling Equipment Operators	50	.97	21.20
73099	All Other Timber Cutting & Related Logging Workers	60	1.17	n/a
79999	All Other Agricultural, Forestry, Fishing, & Related Workers	80	1.56	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.39	8.56
81008	First Line Supervisors/Managers, Production & Operating Workers....	210	4.09	8.16
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	20	.39	11.19
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	40	.78	6.86
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	150	2.92	18.26
85123	Millwrights........................	30	.58	10.85
85128	Machinery Maintenance Workers.......	70	1.36	8.82
85132	Maintenance Repairers, General Utility.........................	170	3.31	10.10
85302	Automotive Mechanics...............	20	.39	4.89
85314	Mobile Heavy Equipment Mechanics, Except Engines...................	10	.19	33.86
85999	All Other Mechanics, Installers, & Repairers........................	40	.78	n/a
87202	Electricians.......................	50	.97	4.22
87899	All Other Construction Trades Workers.........................	10	.19	n/a
89108	Machinists.........................	10	.19	7.31
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	20	.39	14.18
89308	Wood Machinists....................	20	.39	45.87
91000	Machine Setters, Set-Up Operators, Operators & Tenders..............	20	.39	n/a
92302	Sawing Machine Setters & Set-Up Operators........................	30	.58	29.15
92305	Head Sawyers.......................	190	3.70	43.43
92308	Sawing Machine Operators & Tenders..	230	4.48	14.37
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing..........	60	1.17	15.29
92314	Woodworking Machine Operators & Tenders, Except Sawing...........	100	1.95	22.14
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders........	70	1.36	13.90
92926	Boiler Operators & Tenders, Low Pressure........................	70	1.36	9.15
92956	Cementing & Gluing Machine Operators & Tenders.......................	60	1.17	n/a
92974	Packaging & Filling Machine Operators & Tenders..............	50	.98	25.49
92997	All Other Machine Setters & Set-Up Operators.......................	10	.19	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92998	All Other Machine Operators & Tenders..........................	60	1.17	n/a
93914	Welders & Cutters..................	10	.19	10.32
93999	All Other Hand Workers.............	170	3.31	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	130	2.53	15.45
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	10	.19	10.24
97947	Industrial Truck & Tractor Operators	320	6.23	11.72
97951	Conveyer Operators & Tenders........	100	1.95	5.76
97999	All Other Material Moving Equipment Operators........................	20	.39	n/a
98502	Machine Feeders & Offbearers........	620	12.06	8.45
98700	Freight, Stock, & Material Movers, Hand.............................	180	3.50	n/a
98902	Hand Packers & Packagers............	90	1.75	32.33
98999	All Other Helpers, Laborers, & Material Movers, Hand............	700	13.62	n/a

Table 19
SIC 243
MILLWORK, VENEER, PLYWOOD, AND STRUCTURAL WOOD MEMBERS

This group includes establishments primarily engaged in manufacturing fabricated millwork, and wooden kitchen cabinets and bathroom vanities. Also included are establishments producing commercial hard- and/or softwood veneer and plywood; laminated or fabricated trusses, arches, and other structural members of lumber.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	18,790	100.00	n/a
13002	Financial Managers..................	40	.21	18.14
13005	Personnel, Training, & Labor Relations Managers................	20	.11	16.27
13008	Purchasing Managers.................	20	.11	19.64
13011	Marketing, Advertising, & Public Relations Managers................	10	.05	25.77
13014	Administrative Services Managers....	10	.05	39.15
15014	Industrial Production Managers......	90	.48	22.85
19005	Ceneral Managers & Top Executives...	440	2.34	25.57
19999	All Other Managers & Administrators.	20	.11	n/a
21114	Accountants & Auditors..............	60	.32	42.01
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.11	22.51
21999	All Other Mgmt Support Workers......	60	.32	n/a
22128	Industrial Engineers, Except Safety.	10	.05	21.26
22135	Mechanical Engineers................	10	.05	22.79
22199	All Other Engineers.................	30	.16	n/a
22514	Drafters............................	80	.43	34.49
24300	Life Scientists.....................	10	.05	n/a
24500	Physical & Life Science Technicians & Technologists...................	10	.05	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.16	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	10	.05	35.36
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail.....................	30	.16	33.17
49008	Other Sales Representatives, Except Retail.....................	250	1.33	27.29
49999	All Other Sales & Related Workers...	10	.05	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	40	.21	19.19
55100	Secretaries.........................	300	1.60	n/a
55305	Receptionists & Information Clerks..	20	.11	22.89
55308	Typists.............................	20	.11	19.71

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55314	Personnel Clerks, Except Payroll & Timekeeping	10	.05	14.94
55323	Order Clerks; Materials, Merchandise, & Service	40	.21	39.73
55326	Procurement Clerks	10	.05	26.70
55341	Payroll & Timekeeping Clerks	20	.11	22.33
55344	Billing, Cost & Rate Clerks	20	.11	15.93
55347	General Office Clerks	310	1.65	37.57
56011	Computer Operators, Except Peripheral Equipment	20	.11	31.62
56017	Data Entry Keyers, Except Composing	10	.05	27.85
56099	All Other Office Machine Operators	10	.05	n/a
57102	Switchboard Operators	10	.05	26.48
58008	Production, Planning, & Expediting Clerks	50	.27	19.24
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	10	.05	28.12
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	30	.16	29.91
58028	Traffic, Shipping, & Receiving Clerks	180	.96	39.22
59999	All Other Clerical & Administrative Support Workers	340	1.81	n/a
61000	First Line Supervisors/Managers, Service	20	.11	n/a
63047	Guards & Watch Guards	60	.32	36.76
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	180	.96	31.26
69999	All Other Service Workers	10	.05	n/a
79014	Gardeners & Groundskeepers, Except Farm	10	.05	45.40
79999	All Other Agricultural, Forestry, Fishing, & Related Workers	20	.11	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.11	11.30
81008	First Line Supervisors/Managers, Production & Operating Workers	900	4.79	13.01
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	40	.21	15.63
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	100	.53	22.24
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	250	1.33	18.24
85110	Machinery Maintenance Mechanics	40	.21	n/a
85128	Machinery Maintenance Workers	70	.37	19.86

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85132	Maintenance Repairers, General Utility	320	1.70	16.01
85311	Bus & Truck Mechanics, & Diesel Engine Specialists	10	.05	37.80
85999	All Other Mechanics, Installers, & Repairers	50	.27	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	870	4.63	n/a
89108	Machinists	30	.16	41.73
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	20	.11	14.95
89199	All Other Precision Metal Workers	20	.11	n/a
89311	Cabinetmakers & Bench Carpenters	1,890	10.06	37.73
89399	All Other Precision Woodworkers	1,260	6.70	n/a
89999	All Other Precision Workers	30	.16	n/a
91000	Machine Setters, Set-Up Operators, Operators & Tenders	110	.59	n/a
92302	Sawing Machine Setters & Set-Up Operators	270	1.44	31.69
92305	Head Sawyers	70	.37	37.77
92308	Sawing Machine Operators & Tenders	1,120	5.96	18.19
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing	490	2.61	22.06
92314	Woodworking Machine Operators & Tenders, Except Sawing	930	4.95	34.67
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	70	.37	15.48
92926	Boiler Operators & Tenders, Low Pressure	40	.21	19.23
92956	Cementing & Gluing Machine Operators & Tenders	340	1.81	15.17
92997	All Other Machine Setters & Set-Up Operators	190	1.01	n/a
92998	All Other Machine Operators & Tenders	320	1.70	n/a
93911	Glaziers, Manufacturing	170	.90	34.87
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	1,250	6.65	29.96
93999	All Other Hand Workers	280	1.49	n/a
95000	Plant & System Occupations	20	.11	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	310	1.65	22.30
97199	All Other Motor Vehicle Operators	140	.75	n/a
97947	Industrial Truck & Tractor Operators	580	3.09	14.47
97951	Conveyer Operators & Tenders	40	.21	17.30
97999	All Other Material Moving Equipment Operators	30	.16	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
98102	Mechanic & Repairer Helpers.........	20	.11	35.09
98502	Machine Feeders & Offbearers........	980	5.22	17.18
98700	Freight, Stock, & Material Movers, Hand.............................	360	1.92	n/a
98902	Hand Packers & Packagers............	160	.85	29.79
98999	All Other Helpers, Laborers, & Material Movers, Hand............	1,560	8.30	n/a

Table 20
SIC 244
WOOD CONTAINERS

This group includes establishments primarily engaged in manufacturing nailed and lock corner wood boxes and shook; wood pallets and skids; and wood containers, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	1,970	100.00	n/a
19005	General Managers & Top Executives...	100	5.07	5.02
19999	All Other Managers & Administrators.	20	1.02	n/a
21114	Accountants & Auditors.............	10	.51	13.17
49008	Other Sales Representatives, Except Retail....................	30	1.52	15.25
55100	Secretaries........................	20	1.02	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	30	1.52	10.45
55347	General Office Clerks..............	30	1.52	12.11
58028	Traffic, Shipping, & Receiving Clerks..........................	10	.51	23.84
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.51	n/a
63047	Guards & Watch Guards..............	20	1.02	16.37
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	10	.51	17.40
70000	Agricultural, Forestry, Fishing, & Related Occupations..............	10	.51	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	100	5.07	5.37
85110	Machinery Maintenance Mechanics.....	20	1.02	n/a
85128	Machinery Maintenance Workers.......	10	.51	21.19
85132	Maintenance Repairers, General Utility.........................	20	1.02	19.19
87102	Carpenters.........................	120	6.09	12.29
89308	Wood Machinists....................	70	3.55	15.92
89311	Cabinetmakers & Bench Carpenters...	40	2.03	32.50
89999	All Other Precision Workers.........	30	1.52	n/a
92302	Sawing Machine Setters & Set-Up Operators.........................	10	.51	31.63
92305	Head Sawyers.......................	20	1.02	24.65
92308	Sawing Machine Operators & Tenders..	320	16.24	8.99
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing..........	10	.50	26.61
92314	Woodworking Machine Operators & Tenders, Except Sawing...........	160	8.12	10.85
92998	All Other Machine Operators & Tenders..........................	40	2.03	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	200	10.15	21.76
93999	All Other Hand Workers.............	10	.51	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	90	4.57	7.55
97947	Industrial Truck & Tractor Operators	80	4.06	9.03
98502	Machine Feeders & Offbearers........	180	9.13	14.80
98700	Freight, Stock, & Material Movers, Hand............................	20	1.02	n/a
98902	Hand Packers & Packagers...........	20	1.02	35.44
98999	All Other Helpers, Laborers, & Material Movers, Hand............	100	5.07	n/a

Table 21
SIC 245
WOOD BUILDINGS AND MOBILE HOMES

This group includes establishments primarily engaged in manufacturing mobile homes and/or prefabricated wood buildings, sections, and panels.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	8,030	100.00	n/a
13002	Financial Managers	30	.37	10.52
13005	Personnel, Training, & Labor Relations Managers	20	.25	14.77
13008	Purchasing Managers	40	.50	4.98
13011	Marketing, Advertising, & Public Relations Managers	30	.37	11.50
13014	Administrative Services Managers	10	.12	16.76
15014	Industrial Production Managers	90	1.12	8.25
19005	General Managers & Top Executives	150	1.87	24.18
19999	All Other Managers & Administrators	30	.37	n/a
21114	Accountants & Auditors	30	.37	33.99
21199	All Other Financial Specialists	10	.12	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	40	.50	5.77
21902	Cost Estimators	20	.25	13.41
21999	All Other Mgmt Support Workers	20	.25	n/a
22128	Industrial Engineers, Except Safety	10	.12	18.93
22199	All Other Engineers	10	.12	n/a
22514	Drafters	30	.37	22.31
22599	All Other Engineering & Related Technicians & Technologists	20	.25	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	30	.37	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	30	.37	15.81
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	50	.63	48.07
49008	Other Sales Representatives, Except Retail	120	1.50	7.11
49999	All Other Sales & Related Workers	10	.12	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	10	.12	14.32
55100	Secretaries	120	1.50	n/a
55305	Receptionists & Information Clerks	20	.25	8.36
55338	Bookkeeping, Accounting, & Auditing Clerks	50	.63	23.80
55341	Payroll & Timekeeping Clerks	20	.25	7.17
55344	Billing, Cost & Rate Clerks	10	.12	14.75

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55347	General Office Clerks	30	.37	29.19
56000	Electronic Data Processing & Other Office Machine Occupations	10	.12	n/a
57102	Switchboard Operators	10	.12	10.20
58028	Traffic, Shipping, & Receiving Clerks	60	.75	19.13
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.12	n/a
59999	All Other Clerical & Administrative Support Workers	30	.37	n/a
63047	Guards & Watch Guards	50	.63	12.79
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	60	.75	11.65
69999	All Other Service Workers	10	.12	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	40	.50	15.41
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	80	1.00	20.08
81008	First Line Supervisors/Managers, Production & Operating Workers	190	2.37	10.85
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	10	.12	n/a
83002	Precision Inspectors, Testers, & Graders	10	.12	18.63
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	60	.75	12.82
85110	Machinery Maintenance Mechanics	40	.50	n/a
85132	Maintenance Repairers, General Utility	90	1.12	15.17
85938	Installers & Repairers; Manufactured Buildings, Mobile Homes, & Travel Trailers	790	9.84	17.44
85999	All Other Mechanics, Installers, & Repairers	30	.37	n/a
87102	Carpenters	1,230	15.32	13.43
87202	Electricians	330	4.11	10.59
87402	Painters & Paperhangers, Construction & Maintenance	120	1.50	19.07
87502	Plumbers,Pipefitters, & Steamfitters	200	2.49	11.38
87899	All Other Construction Trades Workers	600	7.48	n/a
89132	Sheet Metal Workers	20	.25	24.36
89308	Wood Machinists	20	.25	27.26
89311	Cabinetmakers & Bench Carpenters	230	2.87	12.01
89999	All Other Precision Workers	60	.75	n/a
91705	Welding Machine Operators & Tenders	30	.37	17.91

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92302	Sawing Machine Setters & Set-Up Operators	30	.37	48.77
92308	Sawing Machine Operators & Tenders	60	.75	23.45
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing	20	.25	45.57
92997	All Other Machine Setters & Set-Up Operators	50	.63	n/a
92998	All Other Machine Operators & Tenders	70	.87	n/a
93914	Welders & Cutters	70	.87	46.09
93932	Carpet Cutters, Diagrammers, & Seamers	70	.87	17.64
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	1,570	19.55	12.30
93999	All Other Hand Workers	90	1.12	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	140	1.75	17.56
97199	All Other Motor Vehicle Operators	10	.12	n/a
97947	Industrial Truck & Tractor Operators	90	1.12	16.30
98300	Construction Trades & Extractive Worker Helpers	110	1.37	n/a
98700	Freight, Stock, & Material Movers, Hand	50	.63	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	90	1.12	n/a

Table 22
SIC 249
MISCELLANEOUS WOOD PRODUCTS

This group includes establishments engaged in preserving wood; manufacturing particleboard; and manufacturing miscellaneous wood products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	3,240	100.00	n/a
19005	General Managers & Top Executives...	120	3.70	8.74
19999	All Other Managers & Administrators.	70	2.16	n/a
21114	Accountants & Auditors.............	30	.93	12.12
21999	All Other Mgmt Support Workers......	10	.31	n/a
24500	Physical & Life Science Technicians & Technologists..................	10	.31	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.31	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail...................	10	.31	26.87
49008	Other Sales Representatives, Except Retail....................	150	4.63	24.96
55100	Secretaries........................	70	2.16	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.23	10.92
55347	General Office Clerks..............	50	1.54	11.79
58028	Traffic, Shipping, & Receiving Clerks..........................	60	1.85	12.98
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.31	n/a
59999	All Other Clerical & Administrative Support Workers..................	30	.93	n/a
63047	Guards & Watch Guards..............	40	1.23	25.10
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	30	.93	19.59
73008	Log Handling Equipment Operators....	20	.62	36.32
79999	All Other Agricultural, Forestry, Fishing, & Related Workers........	20	.62	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	150	4.63	11.83
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	70	2.16	21.42
85110	Machinery Maintenance Mechanics....	30	.93	n/a
85128	Machinery Maintenance Workers.......	20	.62	32.65
85132	Maintenance Repairers, General Utility..........................	80	2.47	21.39

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85999	All Other Mechanics, Installers, & Repairers	10	.31	n/a
87102	Carpenters	40	1.23	26.12
89308	Wood Machinists	90	2.78	15.24
89311	Cabinetmakers & Bench Carpenters	30	.93	29.56
89999	All Other Precision Workers	20	.62	n/a
92302	Sawing Machine Setters & Set-Up Operators	40	1.23	25.16
92305	Head Sawyers	10	.31	21.21
92308	Sawing Machine Operators & Tenders	110	3.40	12.54
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing	40	1.23	14.95
92314	Woodworking Machine Operators & Tenders, Except Sawing	100	3.08	16.92
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	40	1.23	23.32
92926	Boiler Operators & Tenders, Low Pressure	10	.31	45.81
92944	Cutting & Slicing Machine Operators & Tenders	30	.93	38.74
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	30	.93	30.20
92953	Coating, Painting, & Spraying Machine Operators & Tenders	120	3.70	23.09
92956	Cementing & Gluing Machine Operators & Tenders	40	1.23	33.45
92997	All Other Machine Setters & Set-Up Operators	20	.62	n/a
92998	All Other Machine Operators & Tenders	120	3.70	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	410	12.65	26.93
93999	All Other Hand Workers	10	.31	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	100	3.09	19.21
97947	Industrial Truck & Tractor Operators	140	4.32	16.50
97999	All Other Material Moving Equipment Operators	40	1.23	n/a
98300	Construction Trades & Extractive Worker Helpers	30	.93	n/a
98502	Machine Feeders & Offbearers	150	4.63	13.46
98700	Freight, Stock, & Material Movers, Hand	130	4.01	n/a
98902	Hand Packers & Packagers	80	2.47	24.12
98999	All Other Helpers, Laborers, & Material Movers, Hand	120	3.70	n/a

Table 23
SIC 25
FURNITURE AND FIXTURES

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	15,710	100.00	n/a
13002	Financial Managers	30	.19	8.91
13005	Personnel, Training, & Labor Relations Managers	20	.13	10.96
13008	Purchasing Managers	20	.13	8.56
13011	Marketing, Advertising, & Public Relations Managers	50	.32	4.91
13014	Administrative Services Managers	10	.06	13.81
15014	Industrial Production Managers	40	.25	7.20
19005	General Managers & Top Executives	430	2.74	9.08
19999	All Other Managers & Administrators	30	.19	n/a
21114	Accountants & Auditors	60	.38	26.20
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	40	.25	11.56
21902	Cost Estimators	10	.06	2.61
21999	All Other Mgmt Support Workers	30	.19	n/a
22128	Industrial Engineers, Except Safety	20	.13	7.07
22135	Mechanical Engineers	20	.13	21.79
22199	All Other Engineers	10	.06	n/a
22508	Industrial Engineering Technicians & Technologists	10	.06	20.34
22514	Drafters	70	.45	12.04
22599	All Other Engineering & Related Technicians & Technologists	20	.13	n/a
25108	Computer Programmer Aides	20	.13	3.64
34038	Designers, Except Interior Designers	10	.06	10.90
39999	All Other Professional, Paraprofessional, & Technical Workers	30	.19	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	30	.19	9.00
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	140	.89	22.95
49008	Other Sales Representatives, Except Retail	260	1.66	19.65
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	60	.38	11.52
55100	Secretaries	330	2.10	n/a
55305	Receptionists & Information Clerks	20	.13	12.46

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55308	Typists	20	.13	10.13
55314	Personnel Clerks, Except Payroll & Timekeeping	10	.06	10.76
55321	File Clerks	10	.06	12.69
55323	Order Clerks; Materials, Merchandise, & Service	30	.19	16.20
55326	Procurement Clerks	10	.06	15.85
55338	Bookkeeping, Accounting, & Auditing Clerks	150	.96	10.68
55341	Payroll & Timekeeping Clerks	30	.19	10.82
55344	Billing, Cost & Rate Clerks	40	.25	11.02
55347	General Office Clerks	180	1.15	19.68
56011	Computer Operators, Except Peripheral Equipment	20	.13	20.38
56017	Data Entry Keyers, Except Composing	20	.13	13.94
57102	Switchboard Operators	10	.06	12.21
58008	Production, Planning, & Expediting Clerks	50	.32	9.59
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	40	.25	16.95
58028	Traffic, Shipping, & Receiving Clerks	250	1.59	13.39
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.06	n/a
59999	All Other Clerical & Administrative Support Workers	30	.19	n/a
63047	Guards & Watch Guards	20	.13	2.82
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	170	1.08	11.97
67099	All Other Cleaning & Building Service Workers, Except Private Households	10	.06	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.06	10.20
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	20	.13	15.48
81008	First Line Supervisors/Managers, Production & Operating Workers	860	5.47	12.25
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	20	.13	9.08
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	30	.19	7.29
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	140	.89	11.79
85110	Machinery Maintenance Mechanics	50	.32	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85132	Maintenance Repairers, General Utility	170	1.08	8.51
85999	All Other Mechanics, Installers, & Repairers	60	.38	n/a
87102	Carpenters	220	1.40	14.34
87202	Electricians	10	.06	.83
89102	Tool & Die Makers	30	.19	21.75
89108	Machinists	30	.19	7.51
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	20	.13	n/a
89199	All Other Precision Metal Workers	30	.19	n/a
89302	Pattern & Model Makers, Wood	20	.13	2.10
89308	Wood Machinists	400	2.55	11.31
89311	Cabinetmakers & Bench Carpenters	590	3.76	10.77
89314	Furniture Finishers	170	1.08	7.56
89399	All Other Precision Woodworkers	110	.70	n/a
89502	Fabric & Apparel Patternmakers, & Layout Workers	20	.13	25.68
89508	Upholsterers	1,020	6.49	12.95
89599	All Other Precision Textile, Apparel, & Furnishings Workers	90	.57	n/a
89999	All Other Precision Workers	10	.06	n/a
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	90	.57	8.53
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	50	.32	35.03
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	100	.64	23.61
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	180	1.15	17.50
91321	Machine Forming Operators & Tenders, Metal & Plastic	290	1.85	31.16
91702	Welding Machine Setters & Set-Up Operators	200	1.27	9.12
91705	Welding Machine Operators & Tenders	70	.45	18.59
91708	Soldering & Brazing Machine Setters & Set-Up Operators	10	.06	7.77
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	100	.64	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	80	.51	n/a
92302	Sawing Machine Setters & Set-Up Operators	30	.19	11.31
92308	Sawing Machine Operators & Tenders	330	2.10	20.80
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing	90	.57	13.59

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92314	Woodworking Machine Operators & Tenders, Except Sawing...........	270	1.72	13.94
92705	Textile Machine Operators & Tenders; Winding, Twisting, Knitting, Weaving, & Cutting...............	80	.51	37.58
92721	Sewing Machine Operators, Non-Garment......................	1,140	7.26	9.18
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders........	30	.19	27.55
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	70	.45	11.44
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	150	.96	20.20
92956	Cementing & Gluing Machine Operators & Tenders........................	100	.64	12.58
92974	Packaging & Filling Machine Operators & Tenders...............	290	1.85	23.56
92997	All Other Machine Setters & Set-Up Operators........................	40	.25	n/a
92998	All Other Machine Operators & Tenders..........................	40	.25	n/a
93914	Welders & Cutters..................	200	1.27	19.82
93917	Solderers & Brazers................	20	.13	25.97
93926	Cutters & Trimmers, Hand...........	390	2.48	38.33
93947	Painting, Coating, & Decorating Workers, Hand...................	90	.57	14.62
93953	Grinding & Polishing Workers, Hand..	290	1.85	41.06
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision.....................	2,270	14.45	7.90
93999	All Other Hand Workers.............	120	.76	n/a
95000	Plant & System Occupations..........	10	.06	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	260	1.66	12.07
97899	All Other Transportation & Related Workers..........................	160	1.02	n/a
97947	Industrial Truck & Tractor Operators	130	.83	11.17
97999	All Other Material Moving Equipment Operators........................	50	.32	n/a
98102	Mechanic & Repairer Helpers.........	60	.38	2.04
98502	Machine Feeders & Offbearers........	150	.96	12.34
98700	Freight, Stock, & Material Movers, Hand............................	400	2.55	n/a
98902	Hand Packers & Packagers...........	130	.83	26.80
98999	All Other Helpers, Laborers, & Material Movers, Hand............	90	.57	n/a

Table 24
SIC 251
HOUSEHOLD FURNITURE

This group includes establishments primarily engaged in manufacturing wood and/or metal household furniture, upholstered or not upholstered; mattresses and bedsprings; wood television, radio, phonograph, and sewing machine cabinets; and household furniture, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	7,970	100.00	n/a
13002	Financial Managers..................	20	.25	16.83
13005	Personnel, Training, & Labor Relations Managers................	10	.13	21.97
13011	Marketing, Advertising, & Public Relations Managers................	10	.13	17.79
15014	Industrial Production Managers......	20	.25	13.07
19005	General Managers & Top Executives...	190	2.38	19.44
19999	All Other Managers & Administrators.	30	.38	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	10	.13	14.69
21999	All Other Mgmt Support Workers......	40	.50	n/a
22100	Engineers...........................	20	.25	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.25	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail.....................	60	.75	40.72
49008	Other Sales Representatives, Except Retail.....................	130	1.63	33.48
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	40	.50	13.11
55100	Secretaries.........................	160	2.01	n/a
55323	Order Clerks; Materials, Merchandise, & Service............	20	.25	30.26
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	60	.75	22.09
55341	Payroll & Timekeeping Clerks........	20	.25	14.06
55344	Billing, Cost & Rate Clerks.........	20	.25	20.19
55347	General Office Clerks...............	90	1.13	32.81
56000	Electronic Data Processing & Other Office Machine Occupations........	20	.25	n/a
58008	Production, Planning, & Expediting Clerks...........................	30	.38	15.75
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	30	.38	18.88
58028	Traffic, Shipping, & Receiving Clerks...........................	130	1.63	23.88

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.13	n/a
59999	All Other Clerical & Administrative Support Workers	50	.63	n/a
67005	Janitor & Cleaners, Except Maids & Housekeeping Cleaners	80	1.00	22.05
67099	All Other Cleaning & Building Service Workers, Except Private Households	10	.13	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers	460	5.77	22.70
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	20	.25	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	80	1.00	18.25
85132	Maintenance Repairers, General Utility	110	1.38	12.61
85999	All Other Mechanics, Installers, & Repairers	20	.25	n/a
87102	Carpenters	30	.38	44.38
89308	Wood Machinists	170	2.13	23.34
89314	Furniture Finishers	120	1.50	9.49
89399	All Other Precision Woodworkers	180	2.26	n/a
89508	Upholsterers	790	9.91	16.67
89599	All Other Precision Textile, Apparel, & Furnishings Workers	70	.88	n/a
89999	All Other Precision Workers	10	.13	n/a
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	30	.38	38.42
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	60	.75	38.32
91702	Welding Machine Setters & Set-Up Operators	40	.50	30.65
92198	All Other Metal & Plastic Machine Operators & Tenders	150	1.88	n/a
92302	Sawing Machine Setters & Set-Up Operators	20	.25	20.11
92308	Sawing Machine Operators & Tenders	180	2.26	33.98
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing	30	.38	25.22
92314	Woodworking Machine Operators & Tenders, Except Sawing	90	1.13	29.68
92705	Textile Machine Operators & Tenders; Winding, Twisting, Knitting, Weaving, & Cutting	80	1.00	38.22

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92721	Sewing Machine Operators, Non-Garment......................	970	12.17	10.15
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	10	.13	39.39
92974	Packaging & Filling Machine Operators & Tenders...............	240	3.01	28.06
92997	All Other Machine Setters & Set-Up Operators........................	50	.63	n/a
92998	All Other Machine Operators & Tenders..........................	10	.13	n/a
93926	Cutters & Trimmers, Hand...........	160	2.01	26.98
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	1,250	15.68	12.40
93999	All Other Hand Workers.............	320	4.01	n/a
95000	Plant & System Occupations..........	10	.13	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	210	2.63	14.38
97899	All Other Transportation & Related Workers..........................	150	1.88	n/a
97947	Industrial Truck & Tractor Operators	60	.75	22.14
97999	All Other Material Moving Equipment Operators.......................	10	.13	n/a
98102	Mechanic & Repairer Helpers.........	20	.25	5.66
98700	Freight, Stock, & Material Movers, Hand............................	260	3.26	n/a
98902	Hand Packers & Packagers...........	70	.88	16.23
98999	All Other Helpers, Laborers, & Material Movers, Hand............	100	1.25	n/a

Table 25
SIC 252
OFFICE FURNITURE

This group includes establishments primarily engaged in manufacturing wood and metal office furniture, whether padded, upholstered, or plain.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	1,230	100.00	n/a
19005	General Managers & Top Executives	50	4.07	7.18
19999	All Other Managers & Administrators	40	3.25	n/a
22100	Engineers	20	1.63	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	20	1.63	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	10	.81	35.59
49008	Other Sales Representatives, Except Retail	10	.81	23.39
55100	Secretaries	40	3.25	10.92
55338	Bookkeeping, Accounting, & Auditing Clerks	10	.81	20.56
55347	General Office Clerks	10	.81	29.63
56000	Electronic Data Processing & Other Office Machine Occupations	10	.81	n/a
58008	Production, Planning, & Expediting Clerks	10	.81	1.66
58028	Traffic, Shipping, & Receiving Clerks	20	1.63	49.44
59999	All Other Clerical & Administrative Support Workers	30	2.44	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	20	1.63	24.93
81008	First Line Supervisors/Managers, Production & Operating Workers	60	4.88	7.20
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	10	.81	n/a
83000	Inspectors & Related Occupations	10	.81	n/a
85132	Maintenance Repairers, General Utility	10	.81	14.31
87102	Carpenters	30	2.44	31.82
89199	All Other Precision Metal Workers	30	2.44	n/a
89308	Wood Machinists	40	3.25	14.87
89311	Cabinetmakers & Bench Carpenters	180	14.63	13.75
89399	All Other Precision Woodworkers	20	1.63	n/a
89508	Upholsterers	90	7.32	12.43
89599	All Other Precision Textile, Apparel, & Furnishings Workers	30	2.44	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	30	2.44	14.34
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	40	3.25	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	30	2.44	n/a
92308	Sawing Machine Operators & Tenders	30	2.44	19.45
92721	Sewing Machine Operators, Non-Garment	20	1.63	23.94
92953	Coating, Painting, & Spraying Machine Operators & Tenders	30	2.44	30.69
92956	Cementing & Gluing Machine Operators & Tenders	10	.81	41.88
92974	Packaging & Filling Machine Operators & Tenders	20	1.63	24.31
92997	All Other Machine Setters & Set-Up Operators	10	.81	n/a
92998	All Other Machine Operators & Tenders	10	.81	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	100	8.13	10.51
93999	All Other Hand Workers	50	4.07	n/a
97947	Industrial Truck & Tractor Operators	20	1.63	6.50
97999	All Other Material Moving Equipment Operators	10	.81	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	10	.81	n/a

Table 26
SIC 253
PUBLIC BUILDING AND RELATED FURNITURE

This group includes establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Also included are establishments engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	3,240	100.00	n/a
13011	Marketing, Advertising, & Public Relations Managers................	20	.62	.88
19005	General Managers & Top Executives...	50	1.54	9.63
19999	All Other Managers & Administrators.	40	1.23	n/a
21114	Accountants & Auditors.............	10	.31	26.43
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.62	8.29
21999	All Other Mgmt Support Workers......	10	.31	n/a
22100	Engineers...........................	20	.62	n/a
22514	Drafters............................	30	.93	21.89
22599	All Other Engineering & Related Technicians & Technologists.......	10	.31	n/a
25108	Computer Programmer Aides...........	10	.31	4.78
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.31	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	10	.31	n/a
49008	Other Sales Representatives, Except Retail....................	70	2.16	8.66
49999	All Other Sales & Related Workers...	20	.62	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	10	.31	4.89
55100	Secretaries.........................	50	1.54	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	30	.93	15.21
55347	General Office Clerks..............	20	.62	20.63
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.31	n/a
58028	Traffic, Shipping, & Receiving Clerks..........................	50	1.54	8.12
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.31	n/a
59999	All Other Clerical & Administrative Support Workers..................	50	1.54	n/a
63047	Guards & Watch Guards..............	10	.31	2.85
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	30	.93	9.47

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81008	First Line Supervisors/Managers, Production & Operating Workers....	180	5.55	2.79
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	20	.62	5.22
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.31	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	40	1.23	7.09
83099	All Other Inspectors, Testers, & Related Occupations..............	20	.62	n/a
85110	Machinery Maintenance Mechanics....	20	.62	n/a
85132	Maintenance Repairers, General Utility..........................	20	.62	10.29
85999	All Other Mechanics, Installers, & Repairers........................	10	.31	n/a
87202	Electricians.......................	10	.31	.83
87899	All Other Construction Trades Workers..........................	20	.62	n/a
89102	Tool & Die Makers..................	20	.62	.50
89108	Machinists.........................	20	.62	4.73
89199	All Other Precision Metal Workers...	30	.93	n/a
89308	Wood Machinists....................	70	2.16	12.50
89311	Cabinetmakers & Bench Carpenters...	80	2.47	31.93
89508	Upholsterers.......................	150	4.63	12.54
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic.......................	90	2.77	8.66
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	30	.93	12.55
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	50	1.54	7.78
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic.......................	30	.93	13.47
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	70	2.16	4.80
91702	Welding Machine Setters & Set-Up Operators.........................	120	3.70	10.39
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	70	2.16	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	40	1.23	n/a
92308	Sawing Machine Operators & Tenders..	60	1.85	18.95
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing.........	20	.62	26.55

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92314	Woodworking Machine Operators & Tenders, Except Sawing	60	1.85	17.20
92721	Sewing Machine Operators, Non-Garment	140	4.32	19.26
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	20	.62	34.43
92953	Coating, Painting, & Spraying Machine Operators & Tenders	40	1.23	15.49
92956	Cementing & Gluing Machine Operators & Tenders	50	1.54	19.51
92997	All Other Machine Setters & Set-Up Operators	40	1.23	n/a
92998	All Other Machine Operators & Tenders	40	1.23	n/a
93914	Welders & Cutters	90	2.77	1.35
93926	Cutters & Trimmers, Hand	20	.62	18.39
93947	Painting, Coating, & Decorating Workers, Hand	50	1.54	25.89
93953	Grinding & Polishing Workers, Hand	50	1.54	1.51
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	450	13.89	4.51
93999	All Other Hand Workers	20	.62	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	20	.62	13.05
97899	All Other Transportation & Related Workers	10	.31	n/a
97947	Industrial Truck & Tractor Operators	20	.62	13.40
97999	All Other Material Moving Equipment Operators	40	1.23	n/a
98102	Mechanic & Repairer Helpers	40	1.23	.24
98502	Machine Feeders & Offbearers	30	.93	23.25
98700	Freight, Stock, & Material Movers, Hand	90	2.77	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	20	.62	n/a

Table 27
SIC 254
PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES

This group includes establishments primarily engaged in manufacturing wood or metal shelving, storage racks, lockers, office and store fixtures, prefabricated partitions, plastic laminated fixture tops, and related fabricated products.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	2,330	100.00	n/a
19005	General Managers & Top Executives...	90	3.86	4.16
19999	All Other Managers & Administrators.	30	1.29	n/a
21114	Accountants & Auditors.............	20	.86	9.49
21999	All Other Mgmt Support Workers......	10	.43	n/a
22514	Drafters...........................	30	1.29	13.97
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.43	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	10	.43	11.61
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	30	1.29	12.95
49008	Other Sales Representatives, Except Retail....................	30	1.29	14.97
55100	Secretaries........................	60	2.57	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.71	8.88
55347	General Office Clerks..............	30	1.29	13.87
58028	Traffic, Shipping, & Receiving Clerks..........................	30	1.29	9.16
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.43	n/a
59999	All Other Clerical & Administrative Support Workers..................	30	1.29	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	30	1.29	8.27
81008	First Line Supervisors/Managers, Production & Operating Workers....	90	3.86	5.22
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	30	1.29	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	20	.86	17.47
85132	Maintenance Repairers, General Utility.........................	30	1.29	10.39
85999	All Other Mechanics, Installers, & Repairers......................	10	.43	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
87102	Carpenters	140	6.01	17.13
89308	Wood Machinists	110	4.72	15.59
89311	Cabinetmakers & Bench Carpenters	270	11.59	9.01
89399	All Other Precision Woodworkers	30	1.29	n/a
89999	All Other Precision Workers	10	.43	n/a
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	10	.43	13.34
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	40	1.71	7.67
91321	Machine Forming Operators & Tenders, Metal & Plastic	60	2.57	16.57
91705	Welding Machine Operators & Tenders	40	1.71	23.62
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	20	.86	n/a
92308	Sawing Machine Operators & Tenders	50	2.14	11.06
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing	30	1.29	15.68
92314	Woodworking Machine Operators & Tenders, Except Sawing	100	4.29	19.79
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	30	1.29	5.36
92953	Coating, Painting, & Spraying Machine Operators & Tenders	40	1.71	10.67
92956	Cementing & Gluing Machine Operators & Tenders	40	1.71	17.54
92974	Packaging & Filling Machine Operators & Tenders	30	1.29	12.61
92998	All Other Machine Operators & Tenders	10	.43	n/a
93926	Cutters & Trimmers, Hand	30	1.29	23.78
93953	Grinding & Polishing Workers, Hand	30	1.29	24.55
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	300	12.88	12.20
93999	All Other Hand Workers	40	1.71	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	20	.86	15.63
97947	Industrial Truck & Tractor Operators	30	1.29	11.86
98502	Machine Feeders & Offbearers	60	2.57	17.80
98700	Freight, Stock, & Material Movers, Hand	30	1.29	n/a
98902	Hand Packers & Packagers	30	1.29	17.03
98999	All Other Helpers, Laborers, & Material Movers, Hand	30	1.29	n/a

Table 28
SIC 26
PAPER AND ALLIED PRODUCTS

This major group includes the manufacture of pulps from wood and other cellulose fibers, and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	21,240	100.00	n/a
13002	Financial Managers..................	50	.24	6.81
13005	Personnel, Training, & Labor Relations Managers................	40	.19	8.63
13008	Purchasing Managers.................	20	.09	7.62
13011	Marketing, Advertising, & Public Relations Managers................	50	.24	7.34
13014	Administrative Services Managers....	40	.19	11.57
15014	Industrial Production Managers......	160	.75	5.56
19005	General Managers & Top Executives...	370	1.74	11.17
19999	All Other Managers & Administrators.	150	.71	n/a
21114	Accountants & Auditors..............	90	.42	16.47
21199	All Other Financial Specialists.....	10	.05	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	70	.33	17.12
21511	Personnel, Training, & Labor Relations Specialists.............	30	.14	5.66
21902	Cost Estimators.....................	40	.19	16.09
21999	All Other Mgmt Support Workers......	40	.19	n/a
22114	Chemical Engineers..................	40	.19	9.59
22126	Electrical & Electronic Engineers...	20	.09	12.11
22128	Industrial Engineers, Except Safety.	40	.19	17.28
22135	Mechanical Engineers................	50	.24	3.13
22199	All Other Engineers.................	20	.09	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	10	.05	22.63
22511	Mechanical Engineering Technicians & Technologists..................	10	.05	7.99
22514	Drafters............................	20	.09	5.52
22599	All Other Engineering & Related Technicians & Technologists.......	30	.14	n/a
24105	Chemists, Except Biochemists........	20	.09	15.26
24505	Chemical Technicians & Technologists, Except Health......	80	.38	18.92
24599	All Other Physical & Life Science Technicians & Technologists.......	40	.19	n/a
25102	Systems Analysts, E.D.P.............	30	.14	17.43
25105	Computer Programmers................	20	.09	6.61

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations......................	20	.09	n/a
34038	Designers, Except Interior Designers	50	.24	19.69
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.09	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	40	.19	23.42
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	100	.47	34.08
49008	Other Sales Representatives, Except Retail....................	650	3.06	14.05
49999	All Other Sales & Related Workers...	50	.24	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	150	.71	7.44
55100	Secretaries........................	320	1.51	n/a
55305	Receptionists & Information Clerks..	30	.14	14.00
55308	Typists............................	40	.19	12.03
55314	Personnel Clerks, Except Payroll & Timekeeping......................	20	.09	9.44
55321	File Clerks........................	10	.05	11.78
55323	Order Clerks; Materials, Merchandise, & Service...........	110	.52	10.16
55326	Procurement Clerks.................	30	.14	6.89
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	210	.99	12.85
55341	Payroll & Timekeeping Clerks........	50	.24	6.09
55344	Billing, Cost & Rate Clerks.........	80	.38	5.75
55347	General Office Clerks..............	200	.94	18.42
56002	Billing, Posting, & Calculating Machine Operators................	10	.05	12.49
56011	Computer Operators, Except Peripheral Equipment.............	30	.14	11.05
56017	Data Entry Keyers, Except Composing.	60	.28	4.43
57102	Switchboard Operators..............	40	.19	11.98
58008	Production, Planning, & Expediting Clerks..........................	150	.71	7.40
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping...........	90	.42	20.74
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard.................	130	.61	8.02
58028	Traffic, Shipping, & Receiving Clerks..........................	230	1.08	10.83
58099	All Other Material Recording, Scheduling, & Distributing Workers	50	.24	n/a
59999	All Other Clerical & Administrative Support Workers..................	110	.52	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
63047	Guards & Watch Guards...............	60	.28	9.05
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	180	.85	10.37
67099	All Other Cleaning & Building Service Workers, Except Private Households.......................	10	.05	n/a
69999	All Other Service Workers...........	20	.09	n/a
73008	Log Handling Equipment Operators....	130	.61	11.63
79999	All Other Agricultural, Forestry, Fishing, & Related Workers........	10	.05	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	140	.66	6.94
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	30	.14	9.13
81008	First Line Supervisors/Managers, Production & Operating Workers....	870	4.10	3.92
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	60	.28	6.06
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	130	.61	6.27
83002	Precision Inspectors, Testers, & Graders..........................	40	.19	8.21
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	410	1.93	9.86
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant...	90	.42	29.14
85119	All Other Machinery Maintenance Mechanics........................	300	1.41	n/a
85123	Millwrights........................	120	.56	14.47
85128	Machinery Maintenance Workers.......	110	.52	6.86
85132	Maintenance Repairers, General Utility..........................	620	2.92	12.25
85302	Automotive Mechanics................	30	.14	13.73
85311	Bus & Truck Mechanics, & Diesel Engine Specialists................	30	.14	13.03
85905	Precision Instrument Repairers......	60	.28	15.12
87102	Carpenters.........................	30	.14	11.37
87202	Electricians.......................	180	.85	7.35
87402	Painters & Paperhangers, Construction & Maintenance........	20	.09	17.49
87502	Plumbers,Pipefitters, & Steamfitters	80	.38	12.86
87899	All Other Construction Trades Workers..........................	60	.28	n/a
89102	Tool & Die Makers...................	40	.19	38.45
89108	Machinists.........................	40	.19	19.04

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89999	All Other Precision Workers.........	70	.33	n/a
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	110	.52	33.58
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	40	.19	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	90	.42	n/a
92510	Printing Press Machine Setters & Set-Up Operators.................	210	.99	n/a
92522	Specialty Materials Printing Machine Setters & Set-Up Operators........	170	.80	12.90
92524	Screen Printing Machine Setters & Set-Up Operators.................	60	.28	21.86
92529	All Other Printing Related Setters & Set-Up Operators.................	60	.28	n/a
92543	Printing Press Machine Operators & Tenders..........................	600	2.82	17.33
92545	Photoengraving & Lithographing Machine Operators & Tenders.......	20	.09	48.77
92549	All Other Printing, Binding, & Related Machine Operators & Tenders..........................	90	.42	n/a
92914	Paper Goods Machine Setters & Set-Up Operators.......................	1,010	4.76	14.34
92926	Boiler Operators & Tenders, Low Pressure........................	120	.56	5.39
92935	Chemical Equipment Controllers & Operators........................	170	.80	7.13
92938	Chemical Equipment Tenders..........	80	.38	13.98
92941	Cutting & Slicing Machine Setters & Set-Up Operators.................	160	.75	19.41
92944	Cutting & Slicing Machine Operators & Tenders........................	760	3.58	17.81
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	190	.89	25.92
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	90	.42	34.20
92956	Cementing & Gluing Machine Operators & Tenders........................	310	1.46	42.50
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	100	.47	17.71
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders...............	120	.56	15.26
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	420	1.98	12.90
92968	Extruding, Forming, Pressing, & Compacting Machine Setters & Set-Up Operators.................	80	.38	32.80

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders..........................	270	1.27	23.82
92974	Packaging & Filling Machine Operators & Tenders...............	310	1.46	17.23
92997	All Other Machine Setters & Set-Up Operators........................	50	.24	n/a
92998	All Other Machine Operators & Tenders..........................	1,200	5.65	n/a
93914	Welders & Cutters...................	60	.28	20.76
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	940	4.43	29.08
93999	All Other Hand Workers..............	210	.99	n/a
95002	Water & Liquid Waste Treatment Plant & System Operators................	20	.09	22.31
95008	Chemical Plant & System Operators...	10	.05	n/a
95028	Power Distributors & Dispatchers....	80	.38	23.79
95032	Stationary Engineers................	40	.19	32.89
95099	All Other Plant & System Operators..	40	.19	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	500	2.35	12.67
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	120	.56	30.24
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers.................	10	.05	27.97
97899	All Other Transportation & Related Workers..........................	10	.05	n/a
97941	Hoist & Winch Operators.............	10	.05	33.31
97944	Crane & Tower Operators.............	10	.05	22.09
97947	Industrial Truck & Tractor Operators	610	2.87	10.97
97951	Conveyer Operators & Tenders........	80	.38	13.56
97953	Pump Operators......................	20	.09	n/a
97999	All Other Material Moving Equipment Operators........................	20	.09	n/a
98102	Mechanic & Repairer Helpers.........	30	.14	10.60
98300	Construction Trades & Extractive Worker Helpers...................	30	.14	n/a
98502	Machine Feeders & Offbearers........	900	4.24	12.36
98700	Freight, Stock, & Material Movers, Hand.............................	390	1.84	n/a
98902	Hand Packers & Packagers............	490	2.31	32.69
98999	All Other Helpers, Laborers, & Material Movers, Hand............	1,080	5.08	n/a

Table 29
SIC 262
PAPER MILLS, EXCEPT BUILDING PAPER MILLS

This group includes establishments primarily engaged in manufacturing paper (except building paper) from wood pulp and other fibers, and which may also manufacture converted paper products. Pulp mills combined with paper mills, and not separately reported, are also included in this industry.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,750	100.00	n/a
15014	Industrial Production Managers......	40	1.07	7.93
19005	General Managers & Top Executives...	20	.53	29.16
19999	All Other Managers & Administrators.	50	1.33	n/a
21114	Accountants & Auditors..............	20	.53	2.73
21511	Personnel, Training, & Labor Relations Specialists............	10	.27	9.35
21999	All Other Mgmt Support Workers......	40	1.07	n/a
22128	Industrial Engineers, Except Safety.	20	.53	44.99
22135	Mechanical Engineers................	10	.27	3.97
22199	All Other Engineers.................	20	.53	n/a
22511	Mechanical Engineering Technicians & Technologists..................	10	.27	8.71
22599	All Other Engineering & Related Technicians & Technologists.......	20	.53	n/a
24100	Physical Scientists.................	10	.27	n/a
24505	Chemical Technicians & Technologists, Except Health......	50	1.33	30.41
25102	Systems Analysts, E.D.P.............	10	.27	29.73
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations......................	10	.27	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.53	n/a
40000	Sales & Related Occupations.........	10	.27	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	30	.80	11.36
55100	Secretaries.........................	50	1.33	n/a
55344	Billing, Cost & Rate Clerks.........	30	.80	2.93
56017	Data Entry Keyers, Except Composing.	20	.53	12.71
56099	All Other Office Machine Operators..	10	.27	n/a
58008	Production, Planning, & Expediting Clerks..........................	30	.80	30.30
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping..........	70	1.87	25.70
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard.................	50	1.33	16.61

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58028	Traffic, Shipping, & Receiving Clerks..........................	10	.27	17.33
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.27	n/a
59999	All Other Clerical & Administrative Support Workers..................	70	1.87	n/a
63047	Guards & Watch Guards..............	20	.53	10.86
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	20	.53	1.68
69999	All Other Service Workers...........	20	.53	n/a
73008	Log Handling Equipment Operators....	80	2.13	20.63
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	40	1.07	20.19
81008	First Line Supervisors/Managers, Production & Operating Workers....	110	2.93	.91
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	20	.53	2.86
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand......................	50	1.33	12.91
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.27	n/a
83000	Inspectors & Related Occupations....	70	1.87	n/a
85128	Machinery Maintenance Workers.......	50	1.33	13.87
85132	Maintenance Repairers, General Utility..........................	200	5.33	34.05
85999	All Other Mechanics, Installers, & Repairers........................	120	3.20	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving...........................	110	2.93	n/a
89000	Precision Production Occupations....	20	.53	n/a
92914	Paper Goods Machine Setters & Set-Up Operators........................	60	1.60	24.69
92935	Chemical Equipment Controllers & Operators........................	60	1.60	18.97
92941	Cutting & Slicing Machine Setters & Set-Up Operators.................	40	1.07	36.43
92944	Cutting & Slicing Machine Operators & Tenders........................	30	.80	41.10
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	80	2.13	22.37
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders..............	80	2.13	17.91

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	190	5.07	19.28
92997	All Other Machine Setters & Set-Up Operators........................	80	2.13	n/a
92998	All Other Machine Operators & Tenders..........................	460	12.27	n/a
95028	Power Distributors & Dispatchers....	70	1.87	26.55
95099	All Other Plant & System Operators..	90	2.40	n/a
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers.................	10	.27	27.97
97947	Industrial Truck & Tractor Operators	40	1.07	38.49
97951	Conveyer Operators & Tenders........	40	1.07	26.66
97999	All Other Material Moving Equipment Operators........................	130	3.47	n/a
98502	Machine Feeders & Offbearers........	100	2.67	32.63
98700	Freight, Stock, & Material Movers, Hand.............................	60	1.60	n/a
98902	Hand Packers & Packagers...........	30	.80	27.16
98999	All Other Helpers, Laborers, & Material Movers, Hand............	410	10.93	n/a

Table 30
SIC 263
PAPERBOARD MILLS

This group includes establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fibers; and which may also manufacture converted paperboard products. Pulp mills combined with paperboard mills, and not separately reported (by type of operation), are also included in this industry.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	2,920	100.00	n/a
15014	Industrial Production Managers......	10	.34	9.46
19005	General Managers & Top Executives...	20	.69	4.79
19999	All Other Managers & Administrators.	80	2.74	n/a
21114	Accountants & Auditors.............	10	.34	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	10	.34	15.00
21999	All Other Management Support........ Workers...........................	20	.69	n/a
22114	Chemical Engineers.................	20	.69	n/a
22135	Mechanical Engineers...............	20	.69	n/a
22199	All Other Engineers................	20	.69	n/a
22500	Engineering & Related Technicians & Technologists..................	10	.34	n/a
24100	Physical Scientists................	10	.34	n/a
24500	Physical & Life Science Technicians & Technologists..................	30	1.03	n/a
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations......................	10	.34	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.69	n/a
49008	Other Sales Representatives, Except Retail....................	30	1.03	14.97
49999	All Other Sales & Related Workers...	10	.34	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	30	1.03	1.48
55100	Secretaries........................	60	2.05	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	20	.69	3.31
55344	Billing, Cost & Rate Clerks.........	20	.69	7.57
56017	Data Entry Keyers, Except Composing.	10	.34	n/a
56099	All Other Office Machine Operators..	10	.34	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.69	n/a
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.69	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
59999	All Other Clerical & Administrative Support Workers	60	2.05	n/a
63000	Protective Service Occupations	10	.34	n/a
67000	Cleaning & Building Service Occupations, Except Private Households	10	.34	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations	60	2.05	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	40	1.37	2.64
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	20	.69	2.03
81008	First Line Supervisors/Managers, Production & Operating Workers	130	4.45	.58
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	20	.69	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	60	2.05	3.78
85000	Mechanics, Installers, & Repairers	290	9.93	n/a
87202	Electricians	90	3.08	2.57
87899	All Other Construction Trades Workers	120	4.11	n/a
89000	Precision Production Occupations	10	.34	n/a
92926	Boiler Operators & Tenders, Low Pressure	90	3.08	3.32
92944	Cutting & Slicing Machine Operators & Tenders	60	2.05	4.89
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	90	3.08	8.54
92997	All Other Machine Setters & Set-Up Operators	10	.34	n/a
92998	All Other Machine Operators & Tenders	790	27.05	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators	60	2.05	n/a
95000	Plant & System Occupations	30	1.03	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators	80	2.74	n/a
98700	Freight, Stock, & Material Movers, Hand	30	1.03	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	240	8.22	n/a

Table 31
SIC 264
CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES

This group includes establishments primarily engaged in manufacturing coated, glazed, or varnished paper; envelopes; bags, except textile bags; die-cut paper and paperboard and cardboard; pressed and molded pulp goods; sanitary paper products; stationery, tablets and related products; and converted paper and paperboard products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	6,420	100.00	n/a
13002	Financial Managers..................	20	.31	10.21
13005	Personnel, Training, & Labor Relations Managers................	20	.31	7.23
13008	Purchasing Managers.................	10	.16	16.55
13014	Administrative Services Managers....	20	.31	19.70
15014	Industrial Production Managers......	40	.62	14.36
19005	General Managers & Top Executives...	130	2.02	21.14
19999	All Other Managers & Administrators.	60	.93	n/a
21114	Accountants & Auditors..............	30	.47	46.57
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.31	37.40
21902	Cost Estimators.....................	20	.31	34.05
21999	All Other Mgmt Support Workers......	10	.16	n/a
22128	Industrial Engineers, Except Safety.	20	.31	15.71
22135	Mechanical Engineers................	10	.16	10.99
22199	All Other Engineers.................	20	.31	n/a
22500	Engineering & Related Technicians & Technologists..................	20	.31	n/a
24100	Physical Scientists.................	10	.16	n/a
24500	Physical & Life Science Technicians & Technologists..................	40	.62	n/a
25102	Systems Analysts, E.D.P.............	10	.16	30.15
34038	Designers, Except Interior Designers	30	.47	30.04
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.16	n/a
49008	Other Sales Representatives, Except Retail....................	250	3.89	31.40
49999	All Other Sales & Related Workers...	70	1.09	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	30	.47	13.77
55100	Secretaries.........................	100	1.56	n/a
55323	Order Clerks; Materials, Merchandise, & Service............	50	.78	16.07
55326	Procurement Clerks..................	10	.16	11.53

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55338	Bookkeeping, Accounting, & Auditing Clerks	40	.62	29.29
55341	Payroll & Timekeeping Clerks	10	.16	13.12
55344	Billing, Cost & Rate Clerks	10	.16	26.28
55347	General Office Clerks	80	1.25	40.31
56017	Data Entry Keyers, Except Composing	20	.31	11.16
56099	All Other Office Machine Operators	10	.16	n/a
57102	Switchboard Operators	20	.31	23.83
58008	Production, Planning, & Expediting Clerks	70	1.09	9.38
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	40	.62	14.66
58028	Traffic, Shipping, & Receiving Clerks	110	1.71	20.12
58099	All Other Material Recording, Scheduling, & Distributing Workers	50	.78	n/a
59999	All Other Clerical & Administrative Support Workers	90	1.40	n/a
63047	Guards & Watch Guards	10	.16	25.37
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	70	1.09	16.83
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.31	15.71
81008	First Line Supervisors/Managers, Production & Operating Workers	270	4.21	7.13
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	10	.16	12.46
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	40	.62	8.38
83002	Precision Inspectors, Testers, & Graders	40	.62	9.38
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	120	1.87	22.19
85132	Maintenance Repairers, General Utility	80	1.25	27.38
85999	All Other Mechanics, Installers, & Repairers	170	2.65	n/a
87202	Electricians	20	.31	25.15
89108	Machinists	20	.31	23.69
89999	All Other Precision Workers	30	.47	n/a
92510	Printing Press Machine Setters & Set-Up Operators	110	1.71	n/a
92522	Specialty Materials Printing Machine Setters & Set-Up Operators	50	.78	39.07
92524	Screen Printing Machine Setters & Set-Up Operators	60	.93	22.19

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92529	All Other Printing Related Setters & Set-Up Operators..................	40	.62	n/a
92543	Printing Press Machine Operators & Tenders..........................	220	3.43	33.98
92549	All Other Printing, Binding, & Related Machine Operators & Tenders..........................	60	.93	n/a
92914	Paper Goods Machine Setters & Set-Up Operators........................	310	4.83	25.00
92944	Cutting & Slicing Machine Operators & Tenders........................	160	2.49	53.58
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	130	2.02	29.13
92974	Packaging & Filling Machine Operators & Tenders...............	110	1.71	31.42
92997	All Other Machine Setters & Set-Up Operators........................	230	3.58	n/a
92998	All Other Machine Operators & Tenders..........................	670	10.43	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	520	8.10	42.46
93999	All Other Hand Workers..............	130	2.02	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	100	1.56	14.22
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	40	.62	34.79
97947	Industrial Truck & Tractor Operators	140	2.18	42.92
97999	All Other Material Moving Equipment Operators........................	10	.16	n/a
98502	Machine Feeders & Offbearers........	100	1.56	35.74
98700	Freight, Stock, & Material Movers, Hand.............................	150	2.34	n/a
98902	Hand Packers & Packagers............	400	6.23	39.80
98999	All Other Helpers, Laborers, & Material Movers, Hand............	170	2.65	n/a

Table 32
SIC 265
PAPERBOARD CONTAINERS AND BOXES

This group includes establishments primarily engaged in manufacturing folding and set-up paperboard boxes from purchased paperboard; corrugated and solid fiber boxes from purchased paperboard of fiber stock; sanitary food containers from special food board; and fiber cans, tubes, drums, and similar products from purchased materials.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	7,820	100.00	n/a
13002	Financial Managers..................	30	.38	11.64
13005	Personnel, Training, & Labor Relations Managers................	20	.26	19.93
13011	Marketing, Advertising, & Public Relations Managers................	40	.51	8.74
13014	Administrative Services Managers....	20	.26	17.85
15014	Industrial Production Managers......	60	.77	9.23
19005	General Managers & Top Executives...	190	2.43	15.76
19999	All Other Managers & Administrators.	20	.26	n/a
21114	Accountants & Auditors..............	30	.38	29.97
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.26	32.76
21902	Cost Estimators.....................	10	.13	19.61
21999	All Other Mgmt Support Workers......	30	.38	n/a
22100	Engineers...........................	20	.26	n/a
22500	Engineering & Related Technicians & Technologists..................	10	.13	n/a
34038	Designers, Except Interior Designers	20	.26	13.53
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	30	.38	29.17
49008	Other Sales Representatives, Except Retail.....................	360	4.60	12.70
49999	All Other Sales & Related Workers...	70	.90	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	60	.77	15.89
55100	Secretaries.........................	110	1.40	n/a
55305	Receptionists & Information Clerks..	10	.13	16.72
55323	Order Clerks; Materials, Merchandise, & Service............	50	.64	16.09
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	130	1.66	17.98
55341	Payroll & Timekeeping Clerks........	30	.38	9.35
55344	Billing, Cost & Rate Clerks.........	20	.26	9.95
55347	General Office Clerks..............	110	1.40	18.14
56017	Data Entry Keyers, Except Composing.	20	.26	4.47
56099	All Other Office Machine Operators..	10	.13	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
57102	Switchboard Operators...............	10	.13	18.59
58008	Production, Planning, & Expediting Clerks...........................	50	.64	9.17
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.26	22.73
58028	Traffic, Shipping, & Receiving Clerks...........................	100	1.28	12.32
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.13	n/a
59999	All Other Clerical & Administrative Support Workers..................	30	.38	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	70	.90	20.53
69999	All Other Service Workers...........	10	.13	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	30	.38	11.97
81008	First Line Supervisors/Managers, Production & Operating Workers....	330	4.22	8.57
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	20	.26	14.14
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	30	.38	13.69
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	150	1.91	16.16
83099	All Other Inspectors, Testers, & Related Occupations...............	10	.13	n/a
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant...	50	.64	34.30
85119	All Other Machinery Maintenance Mechanics........................	120	1.53	n/a
85128	Machinery Maintenance Workers.......	40	.51	8.62
85132	Maintenance Repairers, General Utility..........................	190	2.43	13.17
85999	All Other Mechanics, Installers, & Repairers........................	10	.13	n/a
87202	Electricians........................	10	.13	14.57
89102	Tool & Die Makers..................	30	.38	40.91
89999	All Other Precision Workers.........	50	.64	n/a
92510	Printing Press Machine Setters & Set-Up Operators.................	80	1.02	n/a
92522	Specialty Materials Printing Machine Setters & Set-Up Operators........	120	1.53	9.80
92529	All Other Printing Related Setters & Set-Up Operators.................	20	.26	n.a
92543	Printing Press Machine Operators & Tenders..........................	380	4.86	19.15

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92549	All Other Printing, Binding, & Related Machine Operators & Tenders..........................	50	.64	n/a
92914	Paper Goods Machine Setters & Set-Up Operators.......................	640	8.18	18.87
92941	Cutting & Slicing Machine Setters & Set-Up Operators.................	60	.77	44.26
92944	Cutting & Slicing Machine Operators & Tenders........................	510	6.52	20.50
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	60	.77	47.23
92956	Cementing & Gluing Machine Operators & Tenders........................	190	2.43	28.92
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders..........................	40	.51	30.26
92974	Packaging & Filling Machine Operators & Tenders...............	160	2.04	24.26
92997	All Other Machine Setters & Set-Up Operators.......................	90	1.15	n/a
92998	All Other Machine Operators & Tenders..........................	110	1.40	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	420	5.37	38.38
93999	All Other Hand Workers..............	70	.90	n/a
95000	Plant & System Occupations..........	10	.13	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	300	3.83	18.59
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	70	.90	45.64
97947	Industrial Truck & Tractor Operators	340	4.35	7.91
97951	Conveyer Operators & Tenders........	40	.51	13.14
97999	All Other Material Moving Equipment Operators.......................	20	.26	n/a
98502	Machine Feeders & Offbearers........	540	6.90	16.58
98700	Freight, Stock, & Material Movers, Hand.............................	140	1.79	n/a
98902	Hand Packers & Packagers............	60	.77	22.05
98999	All Other Helpers, Laborers, & Material Movers, Hand............	400	5.11	n/a

Table 33
SIC 27
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. Excluded are news syndicates, and textile printing and finishing.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	66,480	100.00	n/a
13002	Financial Managers..................	130	.19	9.52
13005	Personnel, Training, & Labor Relations Managers................	80	.12	9.02
13008	Purchasing Managers................	30	.05	15.06
13011	Marketing, Advertising, & Public Relations Managers................	370	.56	12.15
13014	Administrative Services Managers....	140	.21	29.65
15014	Industrial Production Managers......	250	.38	8.35
19005	General Managers & Top Executives...	2,910	4.37	6.45
19999	All Other Managers & Administrators.	360	.54	n/a
21114	Accountants & Auditors.............	160	.24	9.43
21199	All Other Financial Specialists.....	10	.02	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	50	.08	18.02
21511	Personnel, Training, & Labor Relations Specialists............	40	.06	11.77
21902	Cost Estimators....................	100	.15	31.98
21999	All Other Mgmt Support Workers......	40	.06	n/a
22128	Industrial Engineers, Except Safety.	20	.03	23.89
22135	Mechanical Engineers...............	10	.02	22.84
22199	All Other Engineers................	10	.02	n/a
22514	Drafters..........................	410	.61	25.57
22599	All Other Engineering & Related Technicians & Technologists.......	50	.08	n/a
24100	Physical Scientists................	20	.03	n/a
25102	Systems Analysts, E.D.P............	90	.14	16.33
25105	Computer Programmers................	210	.32	22.54
25108	Computer Programmer Aides...........	60	.09	30.92
31502	Librarians, Professional............	40	.06	15.15
34002	Writers & Editors..................	2,390	3.59	7.88
34008	Public Relations Specialists & Publicity Writers.................	60	.09	13.09
34011	Reporters & Correspondents..........	2,200	3.31	9.77
34023	Photographers......................	370	.56	12.27
34035	Artists & Related Workers..........	550	.83	8.87

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
34038	Designers, Except Interior Designers	60	.09	25.88
39999	All Other Professional, Paraprofessional, & Technical Workers	100	.15	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	350	.52	12.44
43023	Sales Agents, Advertising	1,390	2.09	9.77
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	420	.63	20.41
49008	Other Sales Representatives, Except Retail	3,110	4.68	8.67
49023	Cashiers	60	.09	12.51
49026	News & Street Vendors, Phone Solicitors, Door-to-Door Sales Workers & Related Workers	420	.63	21.56
49999	All Other Sales & Related Workers	480	.72	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	490	.74	6.60
53902	Library Assistants & Bookmobile Drivers	40	.06	19.60
53908	Advertising Clerks	860	1.29	12.01
53911	Proofreaders & Copy Markers	870	1.31	10.84
55100	Secretaries	2,100	3.16	n/a
55305	Receptionists & Information Clerks	290	.43	29.82
55308	Typists	320	.48	18.97
55311	Typists, Word Processing Equipment	400	.60	29.36
55314	Personnel Clerks, Except Payroll & Timekeeping	30	.05	12.93
55321	File Clerks	60	.09	15.47
55323	Order Clerks; Materials, Merchandise, & Service	560	.84	18.78
55326	Procurement Clerks	20	.03	22.11
55328	Statistical Clerks	60	.09	18.31
55338	Bookkeeping, Accounting, & Auditing Clerks	1,960	2.95	7.93
55341	Payroll & Timekeeping Clerks	80	.12	8.39
55344	Billing, Cost & Rate Clerks	220	.33	14.90
55347	General Office Clerks	1,970	2.96	8.60
56002	Billing, Posting, & Calculating Machine Operators	60	.09	34.51
56005	Duplicating Machine Operators	60	.09	35.71
56008	Mail Machine Operators, Preparation & Handling	700	1.05	30.23
56011	Computer Operators, Except Peripheral Equipment	380	.57	34.32
56017	Data Entry Keyers, Except Composing.	190	.28	11.89
56021	Data Keyers, Composing	1,030	1.55	13.47
56099	All Other Office Machine Operators	10	.02	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
57102	Switchboard Operators...............	160	.24	8.08
57302	Mail Clerks, Except Mail Machine Operators & Postal Service Clerks.	320	.48	17.94
57311	Messengers..........................	170	.26	14.20
58005	Dispatchers, Except Police, Fire, & Ambulance......................	130	.19	18.75
58008	Production, Planning, & Expediting Clerks..........................	320	.48	20.30
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping...........	20	.03	30.28
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	290	.43	13.68
58028	Traffic, Shipping, & Receiving Clerks..........................	730	1.10	12.11
58099	All Other Material Recording, Scheduling, & Distributing Workers	60	.09	n/a
59999	All Other Clerical & Administrative Support Workers..................	140	.21	n/a
61000	First Line Supervisors/Managers, Service...........................	50	.08	n/a
63047	Guards & Watch Guards...............	110	.17	13.45
65000	Food & Beverage Preparation & Service Occupations...............	30	.05	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	810	1.22	8.18
67099	All Other Cleaning & Building Service Workers, Except Private Households.......................	40	.06	n/a
69999	All Other Service Workers..........	10	.02	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations...............	20	.03	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	50	.08	18.84
81008	First Line Supervisors/Managers, Production & Operating Workers....	2,330	3.50	5.32
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	120	.18	12.20
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand......................	70	.11	17.74
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.02	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	290	.43	32.77
83099	All Other Inspectors, Testers, & Related Occupations..............	20	.03	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85110	Machinery Maintenance Mechanics....	150	.23	n/a
85132	Maintenance Repairers, General Utility..........................	290	.43	10.51
85302	Automotive Mechanics................	30	.05	18.64
85311	Bus & Truck Mechanics, & Diesel Engine Specialists...............	10	.02	36.33
85999	All Other Mechanics, Installers, & Repairers.......................	50	.08	n/a
87102	Carpenters..........................	30	.05	29.96
87202	Electricians........................	100	.15	8.49
87402	Painters & Paperhangers, Construction & Maintenance........	20	.03	26.19
89108	Machinists..........................	140	.21	23.43
89199	All Other Precision Metal Workers...	30	.05	n/a
89702	Precision Compositors, Typesetters & Arrangers......................	840	1.26	14.53
89705	Job Printers........................	990	1.49	19.86
89708	Precision Lithography & Photo Engraving Workers................	1,740	2.61	7.08
89711	Bookbinders.........................	730	1.10	18.20
89799	All Other Precision Printing Workers	10	.02	n/a
89914	Precision Photographic Process Workers..........................	130	.19	25.71
89999	All Other Precision Workers.........	900	1.35	n/a
92512	Offset Lithographic Press Setters & Set-Up Operators................	2,840	4.27	12.83
92515	Letterpress Setters & Set-Up Operators........................	1,140	1.71	16.33
92519	All Other Printing Press Setters & Set-Up Operators.................	80	.12	n/a
92521	Photoengraving & Lithographing Photographers....................	1,120	1.68	10.52
92522	Specialty Materials Printing Machine Setters & Set-Up Operators........	120	.18	23.03
92525	Bindery Machine Setters & Set-Up Operators........................	1,210	1.82	19.54
92529	All Other Printing Related Setters & Set-Up Operators.................	460	.69	n/a
92541	Typesetting & Composing Machine Operators & Tenders..............	2,260	3.40	11.61
92543	Printing Press Machine Operators & Tenders..........................	3,970	5.97	9.16
92546	Bindery Machine Operators...........	1,260	1.89	9.47
92549	All Other Printing, Binding, & Related Machine Operators & Tenders..........................	530	.80	n/a
92914	Paper Goods Machine Setters & Set-Up Operators........................	50	.08	34.54

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92941	Cutting & Slicing Machine Setters & Set-Up Operators	40	.06	32.44
92944	Cutting & Slicing Machine Operators & Tenders	90	.14	30.39
92956	Cementing & Gluing Machine Operators & Tenders	60	.09	39.99
92974	Packaging & Filling Machine Operators & Tenders	320	.48	23.09
92997	All Other Machine Setters & Set-Up Operators	80	.12	n/a
92998	All Other Machine Operators & Tenders	640	.96	n/a
93926	Cutters & Trimmers, Hand	40	.06	.44
93951	Engraving & Printing Workers, Hand	40	.06	46.40
93999	All Other Hand Workers	570	.86	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	280	.42	27.60
97105	Truck Drivers, Light, Including Delivery & Route Workers	970	1.46	11.55
97117	Driver/Sales Workers	1,500	2.25	33.15
97199	All Other Motor Vehicle Operators	10	.02	n/a
97899	All Other Transportation & Related Workers	20	.03	n/a
97947	Industrial Truck & Tractor Operators	190	.28	17.31
97999	All Other Material Moving Equipment Operators	330	.49	n/a
98102	Mechanic & Repairer Helpers	60	.09	14.80
98502	Machine Feeders & Offbearers	1,720	2.59	11.59
98700	Freight, Stock, & Material Movers, Hand	950	1.43	n/a
98902	Hand Packers & Packagers	240	.36	15.32
98999	All Other Helpers, Laborers, & Material Movers, Hand	490	.74	n/a

Table 34
SIC 271
NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING

This group includes establishments primarily engaged in publishing newspapers, or in publishing and printing newspapers. These establishments perform the various operations necessary for issuing newspapers, including the gathering of news and the preparation of editorials and advertisements, but may or may not perform their own printing.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	27,330	100.00	n/a
13002	Financial Managers.................	60	.22	8.03
13005	Personnel, Training, & Labor Relations Managers...............	40	.15	11.39
13011	Marketing, Advertising, & Public Relations Managers...............	280	1.02	15.60
13014	Administrative Services Managers....	110	.40	36.50
15014	Industrial Production Managers......	110	.40	14.89
19005	General Managers & Top Executives...	730	2.67	17.62
19999	All Other Managers & Administrators.	270	.99	n/a
21114	Accountants & Auditors.............	80	.29	12.73
21199	All Other Financial Specialists.....	10	.04	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	10	.04	33.88
21511	Personnel, Training, & Labor Relations Specialists............	30	.11	13.48
21999	All Other Mgmt Support Workers......	30	.11	n/a
22100	Engineers..........................	20	.07	n/a
22500	Engineering & Related Technicians & Technologists.................	70	.26	n/a
25102	Systems Analysts, E.D.P............	50	.18	25.27
25105	Computer Programmers...............	80	.29	12.85
25108	Computer Programmer Aides..........	50	.18	35.07
31502	Librarians, Professional...........	40	.15	15.15
34002	Writers & Editors..................	1,950	7.14	9.32
34008	Public Relations Specialists & Publicity Writers................	60	.22	13.09
34011	Reporters & Correspondents.........	2,080	7.61	10.20
34023	Photographers......................	340	1.24	12.44
34035	Artists & Related Workers..........	330	1.21	9.93
34038	Designers, Except Interior Designers	50	.18	30.10
39999	All Other Professional, Paraprofessional, & Technical Workers.......	80	.29	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	270	.99	15.11
43023	Sales Agents, Advertising..........	1,140	4.17	10.28
49008	Other Sales Representatives, Except Retail...................	900	3.29	22.35

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49023	Cashiers	50	.18	12.96
49026	News & Street Vendors, Phone Solicitors, Door-to-Door Sales Workers & Related Workers	230	.84	38.79
49999	All Other Sales & Related Workers	270	.99	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	310	1.13	8.44
53902	Library Assistants & Bookmobile Drivers	40	.15	19.60
53908	Advertising Clerks	730	2.67	13.34
53911	Proofreaders & Copy Markers	240	.88	24.36
55100	Secretaries	690	2.53	n/a
55305	Receptionists & Information Clerks	240	.88	36.46
55308	Typists	170	.62	32.96
55311	Typists, Word Processing Equipment	280	1.02	41.88
55314	Personnel Clerks, Except Payroll & Timekeeping	20	.07	18.36
55321	File Clerks	30	.11	29.75
55323	Order Clerks; Materials, Merchandise, & Service	160	.59	38.62
55328	Statistical Clerks	30	.11	30.32
55338	Bookkeeping, Accounting, & Auditing Clerks	680	2.49	13.12
55341	Payroll & Timekeeping Clerks	40	.15	9.16
55344	Billing, Cost & Rate Clerks	120	.44	24.97
55347	General Office Clerks	660	2.42	18.91
56002	Billing, Posting, & Calculating Machine Operators	50	.18	47.20
56008	Mail Machine Operators, Preparation & Handling	500	1.83	40.42
56011	Computer Operators, Except Peripheral Equipment	320	1.17	40.26
56017	Data Entry Keyers, Except Composing	100	.37	15.10
56021	Data Keyers, Composing	420	1.54	24.50
56099	All Other Office Machine Operators	10	.04	n/a
57102	Switchboard Operators	100	.37	9.63
57302	Mail Clerks, Except Mail Machine Operators & Postal Service Clerks	210	.77	25.50
57311	Messengers	150	.55	15.92
58005	Dispatchers, Except Police, Fire, & Ambulance	130	.48	18.89
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	40	.15	21.15
58028	Traffic, Shipping, & Receiving Clerks	110	.40	48.67
58099	All Other Material Recording, Scheduling, & Distributing Workers	140	.51	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
59999	All Other Clerical & Administrative Support Workers..................	90	.33	n/a
61000	First Line Supervisors/Managers, Service..........................	50	.18	n/a
63047	Guards & Watch Guards...............	110	.40	13.51
65000	Food & Beverage Preparation & Service Occupations..............	30	.11	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	430	1.57	13.11
67099	All Other Cleaning & Building Service Workers, Except Private Households......................	20	.07	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations...............	10	.04	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	30	.11	29.14
81008	First Line Supervisors/Managers, Production & Operating Workers....	550	2.01	10.47
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	100	.37	13.68
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	40	.15	27.46
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.04	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	20	.07	49.68
85110	Machinery Maintenance Mechanics....	70	.26	n/a
85132	Maintenance Repairers, General Utility..........................	50	.18	32.20
85302	Automotive Mechanics................	20	.07	20.77
85999	All Other Mechanics, Installers, & Repairers.......................	40	.15	n/a
87202	Electricians........................	80	.29	8.98
87402	Painters & Paperhangers, Construction & Maintenance........	20	.07	26.19
87899	All Other Construction Trades Workers..........................	30	.11	n/a
89108	Machinists.........................	110	.40	29.41
89702	Precision Compositors, Typesetters & Arrangers......................	220	.80	34.12
89705	Job Printers.......................	230	.84	47.93
89708	Precision Lithography & Photo Engraving Workers.................	230	.84	22.09
89999	All Other Precision Workers.........	320	1.17	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92512	Offset Lithographic Press Setters & Set-Up Operators..................	560	2.05	31.25
92515	Letterpress Setters & Set-Up Operators.........................	580	2.12	24.09
92521	Photoengraving & Lithographing Photographers...................	200	.73	22.94
92529	All Other Printing Related Setters & Set-Up Operators.................	500	1.83	n/a
92541	Typesetting & Composing Machine Operators & Tenders...............	1,360	4.98	17.75
92543	Printing Press Machine Operators & Tenders..........................	660	2.41	23.57
92549	All Other Printing, Binding, & Related Machine Operators & Tenders..........................	40	.15	n/a
92997	All Other Machine Setters & Set-Up Operators.........................	10	.04	n/a
92998	All Other Machine Operators & Tenders..........................	590	2.16	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	100	.37	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	230	.84	32.81
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	310	1.13	30.65
97117	Driver/Sales Workers...............	1,410	5.16	35.06
97899	All Other Transportation & Related Workers..........................	20	.07	n/a
97947	Industrial Truck & Tractor Operators	90	.33	28.73
97999	All Other Material Moving Equipment Operators........................	320	1.17	n/a
98102	Mechanic & Repairer Helpers.........	40	.15	20.92
98502	Machine Feeders & Offbearers........	550	2.01	20.97
98700	Freight, Stock, & Material Movers, Hand.............................	230	.84	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	80	.29	n/a

Table 35
SIC 273
BOOKS

This group includes establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing only or in printing and binding (but not publishing) books and pamphlets are also included.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	2,300	100.00	n/a
13011	Marketing, Advertising, & Public Relations Managers................	20	.87	n/a
19005	General Managers & Top Executives...	70	3.04	8.83
19999	All Other Managers & Administrators.	70	3.04	n/a
21100	Accountants, Auditors, & Other Financial Specialists............	10	.43	n/a
22100	Engineers..........................	10	.43	n/a
25105	Computer Programmers................	10	.43	8.99
34002	Writers & Editors..................	50	2.17	13.40
34035	Artists & Related Workers...........	60	2.61	5.28
39999	All Other Professional, Paraprofessional, & Technical Workers.......	50	2.17	n/a
49008	Other Sales Representatives, Except Retail.....................	60	2.61	17.80
49999	All Other Sales & Related Workers...	10	.43	n/a
53911	Proofreaders & Copy Markers.........	90	3.92	3.58
55100	Secretaries........................	80	3.48	n/a
55308	Typists............................	30	1.30	21.58
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.74	13.46
55347	General Office Clerks..............	80	3.48	10.88
56000	Electronic Data Processing & Other Office Machine Occupations........	60	2.61	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.87	13.97
58028	Traffic, Shipping, & Receiving Clerks..........................	50	2.17	22.48
58099	All Other Material Recording, Scheduling, & Distributing Workers	60	2.61	n/a
59999	All Other Clerical & Administrative Support Workers.................	110	4.79	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	30	1.30	14.07
81008	First Line Supervisors/Managers, Production & Operating Workers....	90	3.92	5.64
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.43	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83000	Inspectors & Related Occupations....	110	4.79	n/a
85000	Mechanics, Installers, & Repairers..	30	1.30	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving...........................	10	.43	n/a
89708	Precision Lithography & Photo Engraving Workers.................	110	4.79	1.47
89799	All Other Precision Printing Workers	70	3.04	n/a
89999	All Other Precision Workers.........	110	4.79	n/a
92512	Offset Lithographic Press Setters & Set-Up Operators.................	90	3.92	14.61
92525	Bindery Machine Setters & Set-Up Operators........................	20	.87	21.05
92529	All Other Printing Related Setters & Set-Up Operators.................	150	6.52	n/a
92541	Typesetting & Composing Machine Operators & Tenders................	10	.43	35.71
92997	All Other Machine Setters & Set-Up Operators........................	20	.87	n/a
92998	All Other Machine Operators & Tenders..........................	140	6.09	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	50	2.17	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	40	1.74	1.57
98502	Machine Feeders & Offbearers........	40	1.74	4.47
98700	Freight, Stock, & Material Movers, Hand............................	40	1.74	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	90	3.92	n/a

Table 36
SIC 274
MISCELLANEOUS PRINTING

This group includes establishments primarily engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. The publishing and/or printing of catalogs, maps, and telephone directories are included in this industry.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,240	100.00	n/a
13011	Marketing, Advertising, & Public Relations Managers	20	.89	8.48
15014	Industrial Production Managers	20	.89	2.49
19005	General Managers & Top Executives	130	5.80	4.74
19999	All Other Managers & Administrators	20	.89	n/a
22514	Drafters	180	8.03	12.98
24100	Physical Scientists	10	.45	n/a
34002	Writers & Editors	120	5.36	13.75
34035	Artists & Related Workers	20	.89	21.66
39999	All Other Professional, Paraprofessional, & Technical Workers	10	.45	n/a
43023	Sales Agents, Advertising	60	2.68	12.40
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	30	1.34	17.10
49008	Other Sales Representatives, Except Retail	280	12.50	5.67
49999	All Other Sales & Related Workers	160	7.14	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	20	.89	9.05
53908	Advertising Clerks	60	2.68	10.04
53911	Proofreaders & Copy Markers	30	1.34	13.19
55100	Secretaries	90	4.02	n/a
55308	Typists	20	.89	13.87
55311	Typists, Word Processing Equipment	50	2.23	16.92
55338	Bookkeeping, Accounting, & Auditing Clerks	60	2.68	9.17
55347	General Office Clerks	190	8.48	8.12
56021	Data Keyers, Composing	40	1.79	14.69
56099	All Other Office Machine Operators	10	.45	n/a
57302	Mail Clerks, Except Mail Machine Operators & Postal Service Clerks	20	.89	19.33
58028	Traffic, Shipping, & Receiving Clerks	20	.89	17.05
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.45	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
59999	All Other Clerical & Administrative Support Workers..................	20	.89	n/a
60000	Service Occupations.................	10	.45	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	60	2.68	7.14
89702	Precision Compositors, Typesetters & Arrangers......................	30	1.34	15.08
89708	Precision Lithography & Photo Engraving Workers................	20	.89	29.83
89999	All Other Precision Workers.........	60	2.68	n/a
92512	Offset Lithographic Press Setters & Set-Up Operators.................	60	2.68	11.03
92521	Photoengraving & Lithographing Photographers....................	50	2.23	15.14
92541	Typesetting & Composing Machine Operators & Tenders..............	40	1.79	16.08
92543	Printing Press Machine Operators & Tenders..........................	40	1.79	17.45
92997	All Other Machine Setters & Set-Up Operators........................	20	.89	n/a
92998	All Other Machine Operators & Tenders..........................	10	.45	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	20	.89	17.55
97117	Driver/Sales Workers...............	40	1.79	20.50
97999	All Other Material Moving Equipment Operators........................	10	.45	n/a
98502	Machine Feeders & Offbearers........	50	2.23	29.66
98999	All Other Helpers, Laborers, & Material Movers, Hand............	20	.89	n/a

Table 37
SIC 275
COMMERCIAL PRINTING

This group includes establishments primarily engaged in letterpress and screen commercial or job printing, including flexographic. This industry also includes offset printing; photo-offset printing; photolithographing; printing by the lithographic process; gravure printing; and engraving and etching steel, copper, wood, or rubber plates.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	22,900	100.00	n/a
13002	Financial Managers.................	30	.13	24.77
13005	Personnel, Training, & Labor Relations Managers...............	20	.09	27.65
13008	Purchasing Managers................	10	.04	30.16
13011	Marketing, Advertising, & Public Relations Managers...............	20	.09	27.46
15014	Industrial Production Managers......	40	.17	22.37
19005	General Managers & Top Executives...	1,450	6.33	9.14
19999	All Other Managers & Administrators.	60	.26	n/a
21114	Accountants & Auditors.............	30	.13	15.95
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	20	.09	44.69
21902	Cost Estimators....................	70	.31	41.69
21999	All Other Mgmt Support Workers......	10	.04	n/a
22100	Engineers..........................	20	.09	n/a
22500	Engineering & Related Technicians & Technologists..................	160	.70	n/a
34035	Artists & Related Workers..........	70	.31	44.81
39999	All Other Professional, Paraprofessional, & Technical Workers.......	190	.83	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	40	.17	27.35
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	190	.83	34.20
49008	Other Sales Representatives, Except Retail....................	1,220	5.33	13.25
49999	All Other Sales & Related Workers...	300	1.31	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	40	.17	32.31
53911	Proofreaders & Copy Markers.........	200	.87	32.36
55100	Secretaries........................	830	3.63	n/a
55305	Receptionists & Information Clerks..	20	.09	34.35
55308	Typists............................	20	.09	43.90
55321	File Clerks........................	10	.04	27.81

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55323	Order Clerks; Materials, Merchandise, & Service............	170	.74	34.51
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	860	3.76	14.38
55341	Payroll & Timekeeping Clerks........	20	.09	22.40
55344	Billing, Cost & Rate Clerks.........	40	.17	20.40
55347	General Office Clerks...............	640	2.80	15.84
56008	Mail Machine Operators, Preparation & Handling.......................	150	.66	40.00
56017	Data Entry Keyers, Except Composing.	20	.09	44.95
56021	Data Keyers, Composing..............	270	1.18	32.46
56099	All Other Office Machine Operators..	30	.13	n/a
57102	Switchboard Operators...............	30	.13	26.32
58008	Production, Planning, & Expediting Clerks..........................	90	.39	20.49
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	100	.44	28.38
58028	Traffic, Shipping, & Receiving Clerks..........................	390	1.70	16.04
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.09	n/a
59999	All Other Clerical & Administrative Support Workers.................	60	.26	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	220	.96	14.60
69999	All Other Service Workers...........	10	.04	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.04	29.44
81008	First Line Supervisors/Managers, Production & Operating Workers....	1,120	4.89	9.64
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	10	.04	25.29
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	10	.04	43.15
83000	Inspectors & Related Occupations....	170	.74	n/a
85110	Machinery Maintenance Mechanics....	40	.17	n/a
85132	Maintenance Repairers, General Utility..........................	130	.57	17.18
85999	All Other Mechanics, Installers, & Repairers........................	10	.04	n/a
87202	Electricians........................	10	.04	33.66
89702	Precision Compositors, Typesetters & Arrangers......................	360	1.57	25.23
89705	Job Printers........................	670	2.93	24.36
89708	Precision Lithography & Photo Engraving Workers................	900	3.93	12.07

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89711	Bookbinders	430	1.88	24.91
89799	All Other Precision Printing Workers	10	.04	n/a
89999	All Other Precision Workers	430	1.88	n/a
92512	Offset Lithographic Press Setters & Set-Up Operators	1,870	8.17	16.56
92515	Letterpress Setters & Set-Up Operators	350	1.53	32.59
92519	All Other Printing Press Setters & Set-Up Operators	50	.22	n/a
92521	Photoengraving & Lithographing Photographers	440	1.92	23.75
92522	Specialty Materials Printing Machine Setters & Set-Up Operators	80	.35	35.13
92525	Bindery Machine Setters & Set-Up Operators	590	2.58	19.40
92529	All Other Printing Related Setters & Set-Up Operators	130	.57	n/a
92541	Typesetting & Composing Machine Operators & Tenders	440	1.92	21.69
92543	Printing Press Machine Operators & Tenders	2,560	11.18	12.43
92546	Bindery Machine Operators	690	3.01	15.74
92549	All Other Printing, Binding, & Related Machine Operators & Tenders	320	1.40	n/a
92944	Cutting & Slicing Machine Operators & Tenders	70	.31	39.58
92974	Packaging & Filling Machine Operators & Tenders	170	.74	33.38
92997	All Other Machine Setters & Set-Up Operators	50	.22	n/a
92998	All Other Machine Operators & Tenders	10	.04	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators	390	1.70	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers	430	1.88	12.90
97947	Industrial Truck & Tractor Operators	40	.17	26.97
97999	All Other Material Moving Equipment Operators	70	.31	n/a
98502	Machine Feeders & Offbearers	760	3.32	17.77
98700	Freight, Stock, & Material Movers, Hand	530	2.32	n/a
98902	Hand Packers & Packagers	120	.52	25.33
98999	All Other Helpers, Laborers, & Material Movers, Hand	240	1.05	n/a

Table 38
SIC 279
SERVICE INDUSTRIES FOR THE PRINTING TRADE

This group includes establishments primarily engaged in typesetting for the trade, including advertisement typesetting; preparing photengraved plates (halftones and linecuts); preparing electrotype and stereotype plates; and lithographic platemaking and related services. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,380	100.00	n/a
19005	General Managers & Top Executives	140	5.88	3.33
19999	All Other Managers & Administrators	20	.84	n/a
22514	Drafters	40	1.68	3.31
34035	Artists & Related Workers	20	.84	23.86
39999	All Other Professional, Paraprofessional, & Technical Workers	20	.84	n/a
43023	Sales Agents, Advertising	30	1.26	4.80
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	30	1.26	7.99
49008	Other Sales Representatives, Except Retail	100	4.20	5.54
49999	All Other Sales & Related Workers	20	.84	n/a
53911	Proofreaders & Copy Markers	130	5.46	4.59
55100	Secretaries	50	2.10	n/a
55311	Typists, Word Processing Equipment	10	.42	30.47
55338	Bookkeeping, Accounting, & Auditing Clerks	80	3.36	4.48
55347	General Office Clerks	60	2.52	7.11
56021	Data Keyers, Composing	150	6.31	7.62
58008	Production, Planning, & Expediting Clerks	20	.84	4.74
58028	Traffic, Shipping, & Receiving Clerks	20	.84	5.25
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.42	n/a
59999	All Other Clerical & Administrative Support Workers	60	2.52	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	40	1.68	4.97
81008	First Line Supervisors/Managers, Production & Operating Workers	90	3.78	3.88
85132	Maintenance Repairers, General Utility	20	.84	5.31
89702	Precision Compositors, Typesetters & Arrangers	80	3.36	8.07
89705	Job Printers	10	.42	36.43

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89708	Precision Lithography & Photo Engraving Workers.................	320	13.45	3.39
89911	Precision Detail Design Decorators & Painters..........................	20	.84	21.94
89999	All Other Precision Workers.........	40	1.68	n/a
92512	Offset Lithographic Press Setters & Set-Up Operators..................	20	.84	28.91
92519	All Other Printing Press Setters & Set-Up Operators..................	10	.42	n/a
92521	Photoengraving & Lithographing Photographers....................	260	10.93	4.62
92541	Typesetting & Composing Machine Operators & Tenders...............	230	9.67	5.10
92543	Printing Press Machine Operators & Tenders...........................	60	2.52	11.48
92545	Photoengraving & Lithographing Machine Operators & Tenders.......	10	.42	37.12
92549	All Other Printing, Binding, & Related Machine Operators & Tenders...........................	10	.42	n/a
92998	All Other Machine Operators & Tenders...........................	10	.42	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	10	.42	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	110	4.62	4.43
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	20	.84	n/a

Table 39
SIC 28
CHEMICALS AND ALLIED PRODUCTS

This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. These establishments manufacture industrial inorganic chemicals; plastics materials and synthetic resins, synthetic rubber, synthetic and other man-made fibers except glass; drugs; soap, detergents, and cleaning preparations, perfumes, cosmetics, and other toilet preparations; paints, varnishes, lacquers, enamels, and allied products; industrial organic chemicals; agricultural chemicals; and miscellaneous chemical products.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	75,780	100.00	n/a
13002	Financial Managers	240	.32	6.50
13005	Personnel, Training, & Labor Relations Managers	190	.25	6.04
13008	Purchasing Managers	130	.17	6.60
13011	Marketing, Advertising, & Public Relations Managers	200	.26	9.65
13014	Administrative Services Managers	90	.12	12.61
15014	Industrial Production Managers	660	.87	5.74
19005	General Managers & Top Executives	1,770	2.33	9.97
19999	All Other Managers & Administrators	1,530	2.02	n/a
21114	Accountants & Auditors	580	.77	12.80
21117	Budget Analysts	70	.09	16.16
21199	All Other Financial Specialists	50	.07	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	320	.42	5.78
21511	Personnel, Training, & Labor Relations Specialists	310	.41	6.03
21902	Cost Estimators	50	.07	11.82
21911	Compliance Officers & Enforcement Inspectors, Except Construction	50	.07	7.44
21999	All Other Mgmt Support Workers	410	.54	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	40	.05	13.67
22114	Chemical Engineers	2,540	3.35	2.88
22121	Civil Engineers, Including Traffic	230	.30	23.69
22126	Electrical & Electronic Engineers	530	.70	6.71
22128	Industrial Engineers, Except Safety	580	.77	14.02
22132	Safety Engineers, Except Mining	130	.17	10.51
22135	Mechanical Engineers	770	1.02	4.91
22199	All Other Engineers	160	.21	n/a
22502	Civil Engineering Technicians & Technologists	90	.12	18.13
22505	Electrical & Electronic Engineering Technicians & Technologists	430	.57	10.37

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
22508	Industrial Engineering Technicians & Technologists	380	.50	16.80
22511	Mechanical Engineering Technicians & Technologists	250	.33	16.19
22514	Drafters	330	.44	11.40
22599	All Other Engineering & Related Technicians & Technologists	290	.38	n/a
24105	Chemists, Except Biochemists	1,610	2.12	7.75
24199	All Other Physical Scientists	110	.15	n/a
24308	Biological Scientists	250	.33	34.02
24399	All Other Life Scientists	30	.04	n/a
24505	Chemical Technicians & Technologists, Except Health	3,020	3.99	4.12
24599	All Other Physical & Life Science Technicians & Technologists	280	.37	n/a
25102	Systems Analysts, E.D.P	200	.26	7.73
25105	Computer Programmers	150	.20	15.64
25108	Computer Programmer Aides	50	.07	14.47
25302	Operations & Systems Researchers & Analysts, Except Computer	40	.05	14.68
25319	All Other Mathematical Scientists	10	.01	n/a
28108	Lawyers	50	.07	33.63
32102	Physicians & Surgeons	20	.03	8.36
32502	Registered Nurses	90	.12	7.27
32999	All Other Health Professionals, Paraprofessionals, & Technicians	60	.08	n/a
34008	Public Relations Specialists & Publicity Writers	10	.01	10.09
34038	Designers, Except Interior Designers	60	.08	29.56
39999	All Other Professional, Paraprofessional, & Technical Workers	200	.26	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	350	.46	11.27
49002	Sales Engineers	130	.17	21.39
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	1,140	1.50	21.25
49008	Other Sales Representatives, Except Retail	160	.21	24.72
49999	All Other Sales & Related Workers	110	.15	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	390	.51	5.62
55100	Secretaries	1,990	2.62	n/a
55302	Stenographers	250	.33	10.24
55305	Receptionists & Information Clerks	70	.09	9.09
55308	Typists	380	.50	19.56
55311	Typists, Word Processing Equipment	100	.13	15.55

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55314	Personnel Clerks, Except Payroll & Timekeeping	150	.20	7.47
55321	File Clerks	50	.07	38.88
55323	Order Clerks; Materials, Merchandise, & Service	220	.29	8.02
55326	Procurement Clerks	110	.15	8.14
55328	Statistical Clerks	20	.03	12.24
55338	Bookkeeping, Accounting, & Auditing Clerks	880	1.16	7.76
55341	Payroll & Timekeeping Clerks	120	.16	5.08
55344	Billing, Cost & Rate Clerks	210	.28	6.99
55347	General Office Clerks	1,210	1.60	9.00
56002	Billing, Posting, & Calculating Machine Operators	20	.03	5.56
56011	Computer Operators, Except Peripheral Equipment	120	.16	11.79
56017	Data Entry Keyers, Except Composing	180	.24	5.22
56099	All Other Office Machine Operators	30	.04	n/a
57102	Switchboard Operators	90	.12	9.81
58008	Production, Planning, & Expediting Clerks	540	.71	4.90
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	20	.03	14.72
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	620	.82	7.49
58028	Traffic, Shipping, & Receiving Clerks	850	1.12	13.55
58099	All Other Material Recording, Scheduling, & Distributing Workers	120	.16	n/a
59999	All Other Clerical & Administrative Support Workers	160	.21	n/a
61000	First Line Supervisors/Managers, Service	100	.13	n/a
63047	Guards & Watch Guards	470	.62	5.09
65000	Food & Beverage Preparation & Service Occupations	10	.01	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	410	.54	15.26
67099	All Other Cleaning & Building Service Workers, Except Private Households	70	.09	n/a
69999	All Other Service Workers	70	.09	n/a
79014	Gardeners & Groundskeepers, Except Farm	40	.05	22.14
79999	All Other Agricultural, Forestry, Fishing, & Related Workers	110	.15	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	880	1.16	7.85

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	370	.49	10.65
81008	First Line Supervisors/Managers, Production & Operating Workers....	3,380	4.46	3.82
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	180	.24	9.65
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	170	.22	6.27
83002	Precision Inspectors, Testers, & Graders..........................	50	.07	17.96
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers..........................	450	.59	19.94
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant...	460	.61	18.38
85119	All Other Machinery Maintenance Mechanics.........................	1,140	1.50	n/a
85123	Millwrights.........................	530	.70	18.83
85128	Machinery Maintenance Workers.......	240	.32	14.17
85132	Maintenance Repairers, General Utility...........................	1,920	2.53	9.26
85302	Automotive Mechanics................	90	.12	9.65
85311	Bus & Truck Mechanics, & Diesel Engine Specialists................	20	.03	22.34
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers.......................	50	.07	17.01
85905	Precision Instrument Repairers......	1,370	1.81	5.23
85928	Mechanical Control & Valve Installers & Repairers...........	100	.13	26.35
85935	Riggers............................	160	.21	14.85
85999	All Other Mechanics, Installers, & Repairers.........................	410	.54	n/a
87102	Carpenters.........................	300	.40	6.32
87202	Electricians.......................	1,070	1.41	4.17
87402	Painters & Paperhangers, Construction & Maintenance........	230	.30	6.21
87502	Plumbers,Pipefitters, & Steamfitters	1,500	1.98	4.88
87802	Insulation Workers.................	250	.33	7.61
87899	All Other Construction Trades Workers..........................	70	.09	n/a
89108	Machinists.........................	830	1.10	7.91
89132	Sheet Metal Workers................	130	.17	6.71
89135	Boilermakers.......................	540	.71	9.20
89999	All Other Precision Workers.........	10	.01	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders........	260	.34	15.14
92926	Boiler Operators & Tenders, Low Pressure........................	110	.15	10.93
92935	Chemical Equipment Controllers & Operators........................	7,300	9.63	5.37
92938	Chemical Equipment Tenders..........	560	.74	34.97
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	260	.34	16.73
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	70	.09	16.62
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders...............	450	.59	26.41
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	1,750	2.31	19.79
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders..........................	180	.24	33.20
92974	Packaging & Filling Machine Operators & Tenders...............	2,170	2.86	15.12
92997	All Other Machine Setters & Set-Up Operators........................	130	.17	n/a
92998	All Other Machine Operators & Tenders..........................	340	.45	n/a
93914	Welders & Cutters..................	360	.48	4.82
93999	All Other Hand Workers.............	350	.46	n/a
95002	Water & Liquid Waste Treatment Plant & System Operators...............	150	.20	9.85
95005	Gas Plant Operators................	90	.12	16.37
95008	Chemical Plant & System Operators...	6,170	8.14	7.82
95028	Power Distributors & Dispatchers....	120	.16	11.87
95032	Stationary Engineers................	170	.22	32.34
95099	All Other Plant & System Operators..	210	.28	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	660	.87	27.01
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	360	.48	16.74
97199	All Other Motor Vehicle Operators...	10	.01	n/a
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers.................	40	.05	14.23
97317	Railroad Brake, Signal & Switch Operators........................	60	.08	12.46
97899	All Other Transportation & Related Workers..........................	20	.03	n/a
97905	Tank Car & Truck Loaders............	500	.66	8.01
97944	Crane & Tower Operators.............	20	.03	18.64
97947	Industrial Truck & Tractor Operators	640	.84	11.34

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97951	Conveyer Operators & Tenders........	50	.07	14.03
97953	Pump Operators.....................	200	.26	24.88
97999	All Other Material Moving Equipment Operators.........................	100	.13	n/a
98102	Mechanic & Repairer Helpers.........	150	.20	13.13
98300	Construction Trades & Extractive Worker Helpers....................	40	.05	n/a
98700	Freight, Stock, & Material Movers, Hand............................	640	.84	n/a
98902	Hand Packers & Packagers............	290	.38	28.73
98999	All Other Helpers, Laborers, & Material Movers, Hand............	2,190	2.89	n/a

Table 40
SIC 281
INDUSTRIAL INORGANIC CHEMICALS

This group includes establishments primarily engaged in manufacturing basic industrial inorganic chemicals such as alkalies; chlorine; industrial gases; inorganic pigments; and industrial inorganic chemicals, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	6,380	100.00	n/a
13002	Financial Managers	50	.78	2.72
13005	Personnel, Training, & Labor Relations Managers	20	.31	5.40
13008	Purchasing Managers	10	.16	5.38
13011	Marketing, Advertising, & Public Relations Managers	50	.78	13.88
15014	Industrial Production Managers	60	.94	11.61
19005	General Managers & Top Executives	250	3.92	33.96
19999	All Other Managers & Administrators	150	2.35	n/a
21114	Accountants & Auditors	60	.94	3.98
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	20	.31	12.80
21511	Personnel, Training, & Labor Relations Specialists	30	.47	3.33
21911	Compliance Officers & Enforcement Inspectors, Except Construction	10	.16	3.60
21999	All Other Mgmt Support Workers	70	1.10	n/a
22114	Chemical Engineers	100	1.57	10.03
22126	Electrical & Electronic Engineers	20	.31	4.41
22128	Industrial Engineers, Except Safety	10	.16	7.87
22135	Mechanical Engineers	40	.63	26.60
22199	All Other Engineers	50	.78	n/a
22514	Drafters	20	.31	15.89
22599	All Other Engineering & Related Technicians & Technologists	20	.31	n/a
24105	Chemists, Except Biochemists	40	.63	22.38
24300	Life Scientists	30	.47	n/a
24505	Chemical Technicians & Technologists, Except Health	160	2.51	19.93
25102	Systems Analysts, E.D.P.	20	.31	10.28
28000	Law & Related Occupations	10	.16	n/a
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	10	.16	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	20	.31	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	40	.63	44.06

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49999	All Other Sales & Related Workers...	30	.47	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	30	.47	23.96
55100	Secretaries.........................	210	3.29	n/a
55314	Personnel Clerks, Except Payroll & Timekeeping......................	10	.16	7.86
55323	Order Clerks; Materials, Merchandise, & Service............	30	.47	43.11
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	.63	33.74
55344	Billing, Cost & Rate Clerks.........	20	.31	14.88
55347	General Office Clerks..............	130	2.04	38.33
56011	Computer Operators, Except Peripheral Equipment.............	10	.16	28.40
56017	Data Entry Keyers, Except Composing.	10	.16	21.08
56099	All Other Office Machine Operators..	10	.16	n/a
58008	Production, Planning, & Expediting Clerks..........................	20	.31	14.29
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	50	.78	9.34
58028	Traffic, Shipping, & Receiving Clerks..........................	150	2.35	43.15
59999	All Other Clerical & Administrative Support Workers..................	70	1.10	n/a
63047	Guards & Watch Guards..............	20	.31	19.42
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	.63	32.58
69999	All Other Service Workers...........	30	.47	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	70	1.10	12.49
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	20	.31	10.92
81008	First Line Supervisors/Managers, Production & Operating Workers....	360	5.64	12.87
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	20	.31	7.01
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	20	.31	10.82
83000	Inspectors & Related Occupations....	20	.31	n/a
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant...	40	.63	16.60
85119	All Other Machinery Maintenance Mechanics.......................	40	.63	17.69
85123	Millwrights.......................	110	1.72	3.51

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85132	Maintenance Repairers, General Utility	290	4.55	20.23
85302	Automotive Mechanics	30	.47	14.92
85311	Bus & Truck Mechanics, & Diesel Engine Specialists	10	.16	27.87
85905	Precision Instrument Repairers	80	1.25	27.75
85935	Riggers	10	.16	25.41
85999	All Other Mechanics, Installers, & Repairers	30	.47	n/a
87102	Carpenters	10	.16	8.24
87202	Electricians	110	1.72	7.75
87402	Painters & Paperhangers, Construction & Maintenance	10	.16	43.01
87502	Plumbers,Pipefitters, & Steamfitters	100	1.57	7.13
87802	Insulation Workers	20	.31	18.77
87899	All Other Construction Trades Workers	10	.16	n/a
89108	Machinists	50	.78	37.14
89199	All Other Precision Metal Workers	20	.31	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	30	.47	22.63
92926	Boiler Operators & Tenders, Low Pressure	40	.63	15.63
92935	Chemical Equipment Controllers & Operators	490	7.68	25.37
92938	Chemical Equipment Tenders	110	1.72	16.49
92997	All Other Machine Setters & Set-Up Operators	10	.16	n/a
92998	All Other Machine Operators & Tenders	450	7.05	n/a
93914	Welders & Cutters	100	1.57	9.16
95002	Water & Liquid Waste Treatment Plant & System Operators	20	.31	17.61
95005	Gas Plant Operators	60	.94	23.07
95008	Chemical Plant & System Operators	380	5.96	18.03
95028	Power Distributors & Dispatchers	20	.31	5.33
95099	All Other Plant & System Operators	10	.16	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	310	4.86	41.41
97899	All Other Transportation & Related Workers	110	1.72	n/a
97905	Tank Car & Truck Loaders	70	1.10	13.09
97999	All Other Material Moving Equipment Operators	130	2.04	n/a
98700	Freight, Stock, & Material Movers, Hand	50	.78	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	230	3.61	n/a

Table 41
SIC 282
PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MAN-MADE FIBERS, EXCEPT GLASS

This group includes establishments primarily engaged in manufacturing plastics materials, synthetic resins, and nonvulcanizable elastomers; synthetic rubber (vulcanizable elastomers); cellulosic man-made fibers; and synthetic organic fibers, except cellulosic.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	9,310	100.00	n/a
13002	Financial Managers..................	30	.32	16.48
13005	Personnel, Training, & Labor Relations Managers................	30	.32	8.03
13008	Purchasing Managers.................	20	.21	21.08
13011	Marketing, Advertising, & Public Relations Managers................	20	.21	16.81
13014	Administrative Services Managers....	20	.21	35.92
15014	Industrial Production Managers......	110	1.18	12.76
19005	General Managers & Top Executives...	70	.75	32.13
19999	All Other Managers & Administrators.	210	2.26	n/a
21114	Accountants & Auditors.............	60	.65	8.63
21117	Budget Analysts....................	10	.11	43.98
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	50	.54	15.48
21511	Personnel, Training, & Labor Relations Specialists............	50	.54	6.85
21911	Compliance Officers & Enforcement Inspectors, Except Construction...	20	.21	12.44
21999	All Other Mgmt Support Workers......	40	.43	n/a
22114	Chemical Engineers.................	270	2.90	6.03
22126	Electrical & Electronic Engineers...	30	.32	22.98
22128	Industrial Engineers, Except Safety.	30	.32	15.99
22132	Safety Engineers, Except Mining.....	30	.32	16.93
22135	Mechanical Engineers................	50	.54	21.14
22199	All Other Engineers.................	40	.43	n/a
22508	Industrial Engineering Technicians & Technologists...................	30	.32	22.84
22514	Drafters............................	10	.11	11.91
22599	All Other Engineering & Related Technicians & Technologists.......	20	.21	n/a
24105	Chemists, Except Biochemists........	160	1.72	17.93
24199	All Other Physical Scientists.......	30	.32	n/a
24505	Chemical Technicians & Technologists, Except Health......	560	6.02	6.97
25102	Systems Analysts, E.D.P............	20	.21	40.69
25105	Computer Programmers...............	20	.21	25.56
32502	Registered Nurses..................	20	.21	13.06

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.32	n/a
40000	Sales & Related Occupations.........	70	.75	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	70	.75	13.55
55100	Secretaries.........................	170	1.83	n/a
55302	Stenographers.......................	60	.65	15.48
55308	Typists.............................	20	.21	40.93
55314	Personnel Clerks, Except Payroll & Timekeeping......................	20	.21	14.07
55323	Order Clerks; Materials, Merchandise, & Service............	20	.21	29.78
55326	Procurement Clerks..................	10	.11	11.95
55338	Bookkeeping, Accounting, & Auditing Clerks............................	50	.54	27.67
55341	Payroll & Timekeeping Clerks........	20	.21	13.28
55344	Billing, Cost & Rate Clerks.........	40	.43	13.69
55347	General Office Clerks...............	120	1.29	16.10
56011	Computer Operators, Except Peripheral Equipment..............	20	.21	33.13
56017	Data Entry Keyers, Except Composing.	10	.11	33.58
57102	Switchboard Operators...............	20	.21	19.01
58008	Production, Planning, & Expediting Clerks............................	80	.86	14.47
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	130	1.40	10.13
58028	Traffic, Shipping, & Receiving Clerks............................	60	.65	20.20
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.11	n/a
59999	All Other Clerical & Administrative Support Workers..................	40	.43	n/a
61000	First Line Supervisors/Managers, Service...........................	20	.21	n/a
63047	Guards & Watch Guards...............	70	.75	12.73
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	.43	19.85
69999	All Other Service Workers...........	10	.11	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	120	1.29	8.49
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers...........................	40	.43	14.61
81008	First Line Supervisors/Managers, Production & Operating Workers....	440	4.73	6.29
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	40	.43	14.91

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	20	.21	27.33
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	60	.65	15.02
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant	50	.54	20.24
85119	All Other Machinery Maintenance Mechanics	140	1.51	n/a
85128	Machinery Maintenance Workers	30	.32	19.03
85132	Maintenance Repairers, General Utility	430	4.62	13.79
85905	Precision Instrument Repairers	150	1.61	10.29
85928	Mechanical Control & Valve Installers & Repairers	20	.21	8.00
85999	All Other Mechanics, Installers, & Repairers	50	.54	n/a
87102	Carpenters	30	.32	12.19
87202	Electricians	120	1.29	16.59
87402	Painters & Paperhangers, Construction & Maintenance	30	.32	10.31
87502	Plumbers,Pipefitters, & Steamfitters	160	1.72	9.70
87802	Insulation Workers	20	.21	9.03
89108	Machinists	70	.75	18.23
89132	Sheet Metal Workers	20	.21	16.34
89199	All Other Precision Metal Workers	40	.43	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	80	.86	20.94
92935	Chemical Equipment Controllers & Operators	1,370	14.72	11.83
92938	Chemical Equipment Tenders	140	1.51	39.97
92997	All Other Machine Setters & Set-Up Operators	30	.32	n/a
92998	All Other Machine Operators & Tenders	380	4.09	n/a
93914	Welders & Cutters	30	.32	4.75
95008	Chemical Plant & System Operators	1,020	10.96	13.52
95028	Power Distributors & Dispatchers	20	.21	18.39
95032	Stationary Engineers	30	.32	16.26
95099	All Other Plant & System Operators	70	.75	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	60	.65	30.09
97105	Truck Drivers, Light, Including Delivery & Route Workers	30	.32	17.75
97905	Tank Car & Truck Loaders	60	.65	39.43
97947	Industrial Truck & Tractor Operators	100	1.08	35.22
97999	All Other Material Moving Equipment Operators	10	.11	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
98102	Mechanic & Repairer Helpers.........	30	.32	13.48
98700	Freight, Stock, & Material Movers, Hand..............................	50	.54	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	450	4.84	n/a

Table 42
SIC 284
SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS

This group includes establishments primarily engaged in manufacturing soap and other detergents and in producing glycerin from vegetable and animal fats and oils; specialty cleaning, polishing, and sanitation preparations; and surface active preparations used as emulsifiers, wetting agents, and finishing agents, including sulfonated oils; and perfumes, cosmetics, and other toilet preparations.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	4,660	100.00	n/a
13002	Financial Managers	20	.43	6.08
13005	Personnel, Training, & Labor Relations Managers	10	.21	10.34
13011	Marketing, Advertising, & Public Relations Managers	40	.86	17.29
15014	Industrial Production Managers	50	1.08	6.60
19005	General Managers & Top Executives	180	3.86	11.61
19999	All Other Managers & Administrators	140	3.01	n/a
21114	Accountants & Auditors	30	.64	13.79
21199	All Other Financial Specialists	10	.21	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.21	10.89
21999	All Other Mgmt Support Workers	40	.86	n/a
22114	Chemical Engineers	30	.64	25.13
22199	All Other Engineers	20	.43	n/a
22500	Engineering & Related Technicians & Technologists	40	.86	n/a
24105	Chemists, Except Biochemists	60	1.29	10.81
24308	Biological Scientists	30	.64	4.14
24505	Chemical Technicians & Technologists, Except Health	30	.64	15.59
24599	All Other Physical & Life Science Technicians & Technologists	10	.21	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	60	1.29	n/a
49002	Sales Engineers	10	.21	45.08
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	340	7.30	32.36
49999	All Other Sales & Related Workers	20	.43	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	40	.86	11.18
55100	Secretaries	220	4.72	n/a
55305	Receptionists & Information Clerks	30	.64	7.16
55308	Typists	20	.43	21.17

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55323	Order Clerks; Materials, Merchandise, & Service............	60	1.29	11.59
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	120	2.58	10.96
55347	General Office Clerks...............	110	2.36	23.90
56000	Electronic Data Processing & Other Office Machine Occupations........	100	2.15	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	50	1.08	15.39
58028	Traffic, Shipping, & Receiving Clerks...........................	110	2.36	11.91
58099	All Other Material Recording, Scheduling, & Distributing Workers	50	1.08	n/a
59999	All Other Clerical & Administrative Support Workers..................	60	1.29	n/a
63047	Guards & Watch Guards...............	30	.64	7.43
67005	Janitor & Cleaners, Except Maids & Housekeeping Cleaners...........	40	.86	7.11
69999	All Other Service Workers...........	10	.21	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations..............	90	1.93	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.43	10.31
81008	First Line Supervisors/Managers, Production & Operating Workers....	140	3.01	7.91
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.21	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	80	1.72	17.76
83099	All Other Inspectors, Testers, & Related Occupations.............	10	.21	n/a
85132	Maintenance Repairers, General Utility..........................	90	1.93	15.31
85999	All Other Mechanics, Installers, & Repairers........................	100	2.15	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving...........................	10	.21	n/a
89108	Machinists.........................	10	.21	47.48
92935	Chemical Equipment Controllers & Operators........................	200	4.29	20.32
92938	Chemical Equipment Tenders..........	20	.43	27.38
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	20	.43	35.50
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	200	4.29	19.51

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92974	Packaging & Filling Machine Operators & Tenders...............	730	15.67	6.88
92998	All Other Machine Operators & Tenders..........................	90	1.93	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	10	.21	n/a
95000	Plant & System Occupations..........	20	.43	n/a
97102	Truck Drivers, Heavy or Tractor Trailer.........................	40	.86	23.75
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	40	.86	25.40
97947	Industrial Truck & Tractor Operators	90	1.93	10.04
97999	All Other Material Moving Equipment Operators........................	20	.43	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	390	8.37	n/a

Table 43
SIC 285
PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS

This group includes establishments primarily engaged in manufacturing paints (in paste and ready mixed form); varnishes; lacquers; enamels and shellac; putties, wood fillers, and sealers; paint and varnish removers; paint brush cleaners; and allied paint products.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,890	100.00	n/a
13002	Financial Managers..................	20	.51	17.50
13011	Marketing, Advertising, & Public Relations Managers................	20	.51	28.53
15014	Industrial Production Managers......	20	.51	22.94
19005	General Managers & Top Executives...	130	3.34	6.48
19999	All Other Managers & Administrators.	60	1.54	n/a
21114	Accountants & Auditors..............	40	1.03	9.19
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.51	14.69
21999	All Other Mgmt Support Workers......	10	.26	n/a
22100	Engineers...........................	20	.51	n/a
24105	Chemists, Except Biochemists........	130	3.34	9.33
24505	Chemical Technicians & Technologists, Except Health......	140	3.60	9.19
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.26	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	30	.77	16.33
49002	Sales Engineers.....................	20	.51	21.56
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail.....................	170	4.37	11.27
49008	Other Sales Representatives, Except Retail.....................	110	2.83	20.09
49999	All Other Sales & Related Workers...	80	2.06	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	30	.77	11.24
55100	Secretaries.........................	100	2.57	n/a
55308	Typists.............................	10	.26	20.40
55311	Typists, Word Processing Equipment..	10	.26	34.89
55323	Order Clerks; Materials, Merchandise, & Service............	50	1.29	16.20
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	140	3.60	10.87
55344	Billing, Cost & Rate Clerks.........	10	.26	16.66
55347	General Office Clerks...............	100	2.57	10.12

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
56017	Data Entry Keyers, Except Composing.	20	.51	12.68
56099	All Other Office Machine Operators..	10	.26	n/a
58008	Production, Planning, & Expediting Clerks..........................	30	.77	16.03
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	70	1.80	15.63
58028	Traffic, Shipping, & Receiving Clerks..........................	100	2.57	8.03
58099	All Other Material Recording, Scheduling, & Distributing Workers	30	.77	n/a
59999	All Other Clerical & Administrative Support Workers..................	50	1.29	n/a
63047	Guards & Watch Guards...............	20	.51	21.86
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	1.03	11.53
67099	All Other Cleaning & Building Service Workers, Except Private Households.......................	20	.51	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	160	4.12	4.81
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	20	.51	16.53
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	20	.51	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers..........................	20	.51	18.32
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant...	20	.51	35.45
85119	All Other Machinery Maintenance Mechanics........................	20	.51	n/a
85132	Maintenance Repairers, General Utility..........................	90	2.31	8.87
85999	All Other Mechanics, Installers, & Repairers........................	10	.26	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving............................	10	.26	n/a
92935	Chemical Equipment Controllers & Operators.........................	80	2.06	20.82
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	90	2.31	33.13
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders..............	10	.26	24.25

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	500	12.85	4.47
92974	Packaging & Filling Machine Operators & Tenders...............	310	7.97	7.45
92997	All Other Machine Setters & Set-Up Operators.........................	10	.26	n/a
92998	All Other Machine Operators & Tenders...........................	80	2.06	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	80	2.06	n/a
95000	Plant & System Occupations..........	10	.26	n/a
97102	Truck Drivers, Heavy or Tractor Trailer...........................	80	2.06	10.41
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	60	1.54	10.65
97947	Industrial Truck & Tractor Operators	150	3.86	9.17
98700	Freight, Stock, & Material Movers, Hand..............................	30	.77	n/a
98902	Hand Packers & Packagers............	50	1.29	23.59
98999	All Other Helpers, Laborers, & Material Movers, Hand............	110	2.83	n/a

Table 44
SIC 286
INDUSTRIAL ORGANIC CHEMICALS

This group includes establishments primarily engaged in manufacturing industrial organic chemicals. Important products in this group include: non-cyclic organic chemicals; solvents; polyhydric alcohols; synthetic perfume and flavoring materials; rubber processing chemicals; cyclic and acyclic plasticizers; synthetic tanning agents; chemical warfare gases; esters, amines, etc. of polyhydric alcohols and fatty and other acids; cyclic crudes and intermediates; cyclic dyes and organic pigments; and natural gum and wood chemicals.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	38,000	100.00	n/a
13002	Financial Managers	80	.21	11.26
13005	Personnel, Training, & Labor Relations Managers	70	.18	7.47
13008	Purchasing Managers	60	.16	7.57
13011	Marketing, Advertising, & Public Relations Managers	40	.11	36.67
13014	Administrative Services Managers	30	.08	19.15
15014	Industrial Production Managers	340	.89	7.47
19005	General Managers & Top Executives	490	1.29	15.41
19999	All Other Managers & Administrators	960	2.53	n/a
21114	Accountants & Auditors	240	.63	6.96
21117	Budget Analysts	40	.11	20.86
21199	All Other Financial Specialists	40	.11	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	180	.47	7.51
21511	Personnel, Training, & Labor Relations Specialists	170	.45	8.28
21902	Cost Estimators	30	.08	16.19
21911	Compliance Officers & Enforcement Inspectors, Except Construction	10	.03	25.55
21999	All Other Mgmt Support Workers	250	.66	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	30	.08	14.69
22114	Chemical Engineers	1,770	4.66	3.55
22121	Civil Engineers, Including Traffic	200	.53	26.20
22126	Electrical & Electronic Engineers	440	1.16	7.73
22128	Industrial Engineers, Except Safety	510	1.34	15.80
22132	Safety Engineers, Except Mining	60	.16	11.47
22135	Mechanical Engineers	560	1.47	4.67
22199	All Other Engineers	100	.26	n/a
22502	Civil Engineering Technicians & Technologists	70	.18	21.85
22505	Electrical & Electronic Engineering Technicians & Technologists	360	.95	12.16

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
22508	Industrial Engineering Technicians & Technologists....................	330	.87	18.74
22511	Mechanical Engineering Technicians & Technologists..................	220	.58	18.06
22514	Drafters..........................	250	.66	13.97
22599	All Other Engineering & Related Technicians & Technologists.......	270	.71	n/a
24105	Chemists, Except Biochemists........	1,010	2.66	10.67
24199	All Other Physical Scientists.......	80	.21	n/a
24308	Biological Scientists..............	80	.21	36.15
24505	Chemical Technicians & Technologists, Except Health......	1,700	4.47	4.76
24599	All Other Physical & Life Science Technicians & Technologists.......	40	.11	n/a
25102	Systems Analysts, E.D.P............	140	.37	8.80
25105	Computer Programmers...............	80	.21	9.89
25108	Computer Programmer Aides...........	40	.11	17.81
25302	Operations & Systems Researchers & Analysts, Except Computer.........	30	.08	18.15
25319	All Other Mathematical Scientists...	10	.03	n/a
28108	Lawyers...........................	20	.05	19.66
32102	Physicians & Surgeons..............	10	.03	9.31
32502	Registered Nurses..................	60	.16	5.84
32999	All Other Health Professionals, Paraprofessionals, & Technicians..	40	.11	n/a
34038	Designers, Except Interior Designers	40	.11	33.99
39999	All Other Professional, Paraprofessional, & Technical Workers.......	140	.37	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	90	.24	37.19
49002	Sales Engineers....................	30	.08	39.04
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	80	.21	40.91
49999	All Other Sales & Related Workers...	10	.03	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	150	.39	9.80
55100	Secretaries........................	770	2.02	n/a
55302	Stenographers......................	160	.42	14.82
55305	Receptionists & Information Clerks..	20	.05	14.27
55308	Typists...........................	140	.37	10.33
55311	Typists, Word Processing Equipment..	40	.11	12.65
55314	Personnel Clerks, Except Payroll & Timekeeping......................	70	.18	10.72
55321	File Clerks.......................	10	.03	16.49
55323	Order Clerks; Materials, Merchandise, & Service...........	40	.11	19.00

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55326	Procurement Clerks	50	.13	12.92
55338	Bookkeeping, Accounting, & Auditing Clerks	300	.79	5.07
55341	Payroll & Timekeeping Clerks	60	.16	8.76
55344	Billing, Cost & Rate Clerks	80	.21	10.95
55347	General Office Clerks	470	1.24	9.65
56011	Computer Operators, Except Peripheral Equipment	60	.16	9.10
56017	Data Entry Keyers, Except Composing	40	.11	11.84
56099	All Other Office Machine Operators	20	.05	n/a
57102	Switchboard Operators	40	.11	7.58
58008	Production, Planning, & Expediting Clerks	330	.87	7.18
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	240	.63	10.76
58028	Traffic, Shipping, & Receiving Clerks	160	.42	15.35
58099	All Other Material Recording, Scheduling, & Distributing Workers	70	.18	n/a
59999	All Other Clerical & Administrative Support Workers	120	.31	n/a
61000	First Line Supervisors/Managers, Service	60	.16	n/a
63047	Guards & Watch Guards	300	.79	6.09
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	120	.31	18.97
69999	All Other Service Workers	60	.16	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations	10	.03	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	580	1.52	11.40
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	290	.76	13.46
81008	First Line Supervisors/Managers, Production & Operating Workers	1,560	4.11	6.32
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	50	.13	11.89
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	100	.26	7.37
83002	Precision Inspectors, Testers, & Graders	30	.08	23.70
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	150	.39	19.46
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant	230	.60	24.24

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85119	All Other Machinery Maintenance Mechanics........................	790	2.08	n/a
85123	Millwrights...........................	370	.97	26.65
85128	Machinery Maintenance Workers.......	160	.42	21.05
85132	Maintenance Repairers, General Utility..........................	590	1.55	14.88
85302	Automotive Mechanics................	40	.11	16.92
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers.......................	40	.11	16.47
85905	Precision Instrument Repairers......	1,040	2.74	5.96
85928	Mechanical Control & Valve Installers & Repairers...........	20	.05	22.79
85935	Riggers..............................	120	.31	18.61
85999	All Other Mechanics, Installers, & Repairers........................	400	1.05	n/a
87102	Carpenters..........................	230	.60	8.10
87202	Electricians........................	710	1.87	5.18
87402	Painters & Paperhangers, Construction & Maintenance........	160	.42	7.95
87502	Plumbers,Pipefitters, & Steamfitters	1,070	2.82	6.58
87802	Insulation Workers..................	180	.47	10.24
87899	All Other Construction Trades Workers..........................	30	.08	n/a
89108	Machinists..........................	580	1.52	9.78
89132	Sheet Metal Workers................	90	.24	8.23
89135	Boilermakers........................	460	1.21	10.74
89999	All Other Precision Workers.........	10	.03	n/a
92926	Boiler Operators & Tenders, Low Pressure.........................	60	.16	18.25
92935	Chemical Equipment Controllers & Operators.........................	4,390	11.55	7.20
92938	Chemical Equipment Tenders..........	130	.34	23.58
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	140	.37	37.86
92997	All Other Machine Setters & Set-Up Operators.........................	70	.18	n/a
92998	All Other Machine Operators & Tenders..........................	180	.47	n/a
93914	Welders & Cutters..................	150	.39	9.65
93999	All Other Hand Workers.............	110	.29	n/a
95002	Water & Liquid Waste Treatment Plant & System Operators...............	40	.11	22.42
95008	Chemical Plant & System Operators...	4,240	11.16	8.63
95028	Power Distributors & Dispatchers....	50	.13	19.79
95032	Stationary Engineers................	130	.34	43.27
95099	All Other Plant & System Operators..	20	.05	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97102	Truck Drivers, Heavy or Tractor Trailer...........................	30	.08	25.82
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	70	.18	29.20
97317	Railroad Brake, Signal & Switch Operators.........................	30	.08	20.31
97905	Tank Car & Truck Loaders............	270	.71	11.70
97947	Industrial Truck & Tractor Operators	150	.39	21.27
97953	Pump Operators.....................	110	.29	16.38
97999	All Other Material Moving Equipment Operators.........................	70	.18	n/a
98102	Mechanic & Repairer Helpers.........	70	.18	22.67
98700	Freight, Stock, & Material Movers, Hand............................	380	1.00	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	1,110	2.92	n/a

Table 45
SIC 287
AGRICULTURAL CHEMICALS

This group includes establishments primarily engaged in manufacturing nitrogenous and phosphatic basic fertilizers, mixed fertilizers, pesticides, and other agricultural chemicals.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	4,930	100.00	n/a
13011	Marketing, Advertising, & Public Relations Managers	20	.41	4.07
15014	Industrial Production Managers	20	.41	37.08
19005	General Managers & Top Executives	250	5.07	41.73
19999	All Other Managers & Administrators	60	1.22	n/a
21114	Accountants & Auditors	20	.41	49.34
21199	All Other Financial Specialists	10	.20	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	20	.41	28.12
21511	Personnel, Training, & Labor Relations Specialists	20	.41	9.45
21999	All Other Mgmt Support Workers	20	.41	n/a
22114	Chemical Engineers	220	4.46	9.45
22126	Electrical & Electronic Engineers	20	.41	8.61
22128	Industrial Engineers, Except Safety	10	.20	8.43
22135	Mechanical Engineers	60	1.22	21.48
22199	All Other Engineers	20	.41	n/a
22500	Engineering & Related Technicians & Technologists	20	.41	n/a
24100	Physical Scientists	40	.81	n/a
24300	Life Scientists	60	1.22	n/a
24505	Chemical Technicians & Technologists, Except Health	90	1.82	30.28
24599	All Other Physical & Life Science Technicians & Technologists	50	1.01	n/a
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	10	.20	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	40	.81	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	160	3.24	9.05
49999	All Other Sales & Related Workers	90	1.82	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	40	.81	14.33
55100	Secretaries	90	1.82	n/a
55314	Personnel Clerks, Except Payroll & Timekeeping	20	.41	4.93

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55323	Order Clerks; Materials, Merchandise, & Service............	20	.41	4.07
55326	Procurement Clerks.................	20	.41	4.10
55341	Payroll & Timekeeping Clerks........	10	.20	n/a
56000	Electronic Data Processing & Other Office Machine Occupations........	20	.41	n/a
58008	Production, Planning, & Expediting Clerks..........................	40	.81	3.35
58028	Traffic, Shipping, & Receiving Clerks..........................	30	.61	44.92
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.20	n/a
59999	All Other Clerical & Administrative Support Workers..................	240	4.87	n/a
60000	Service Occupations................	80	1.62	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	30	.61	20.40
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	10	.20	3.51
81008	First Line Supervisors/Managers, Production & Operating Workers....	210	4.26	19.02
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.20	n/a
83000	Inspectors & Related Occupations....	10	.20	n/a
85110	Machinery Maintenance Mechanics....	60	1.22	n/a
85905	Precision Instrument Repairers......	70	1.42	34.12
85928	Mechanical Control & Valve Installers & Repairers...........	30	.61	49.22
85999	All Other Mechanics, Installers, & Repairers.......................	250	5.07	n/a
87102	Carpenters.........................	20	.41	6.50
87202	Electricians.......................	60	1.22	4.59
87402	Painters & Paperhangers, Construction & Maintenance........	20	.41	6.00
87502	Plumbers,Pipefitters, & Steamfitters	120	2.43	7.52
87899	All Other Construction Trades Workers..........................	40	.81	n/a
89000	Precision Production Occupations....	90	1.82	n/a
92935	Chemical Equipment Controllers & Operators........................	180	3.65	30.98
92997	All Other Machine Setters & Set-Up Operators........................	10	.20	n/a
92998	All Other Machine Operators & Tenders..........................	960	19.47	n/a
93914	Welders & Cutters..................	40	.81	1.51
95000	Plant & System Occupations..........	510	10.34	n/a
97905	Tank Car & Truck Loaders...........	40	.81	3.69

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97999	All Other Material Moving Equipment Operators........................	160	3.25	n/a
98000	Helpers, Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers.................	50	1.01	n/a

Table 46
SIC 289
MISCELLANEOUS CHEMICAL PRODUCTS

This group includes establishments primarily engaged in manufacturing industrial and household adhesives and sealants; explosives; printing ink; carbon black; and chemicals and chemical preparations, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	6,080	100.00	n/a
13002	Financial Managers..................	30	.49	25.21
13005	Personnel, Training, & Labor Relations Managers...............	30	.49	18.53
13008	Purchasing Managers.................	20	.33	15.97
13011	Marketing, Advertising, & Public Relations Managers................	10	.16	21.86
15014	Industrial Production Managers......	60	.99	11.28
19005	General Managers & Top Executives...	250	4.11	12.16
19999	All Other Managers & Administrators.	90	1.48	n/a
21114	Accountants & Auditors..............	60	.99	22.11
21199	All Other Financial Specialists.....	10	.16	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.33	9.03
21511	Personnel, Training, & Labor Relations Specialists............	30	.49	17.57
21999	All Other Mgmt Support Workers......	20	.33	n/a
22114	Chemical Engineers..................	140	2.31	14.80
22126	Electrical & Electronic Engineers...	20	.33	39.11
22128	Industrial Engineers, Except Safety.	10	.16	8.46
22132	Safety Engineers, Except Mining.....	10	.16	17.11
22135	Mechanical Engineers................	40	.66	36.53
22199	All Other Engineers.................	10	.16	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	20	.33	31.86
22514	Drafters............................	50	.83	31.19
22599	All Other Engineering & Related Technicians & Technologists.......	30	.49	n/a
24105	Chemists, Except Biochemists........	140	2.31	16.64
24300	Life Scientists.....................	10	.16	n/a
24505	Chemical Technicians & Technologists, Except Health......	260	4.28	11.56
24599	All Other Physical & Life Science Technicians & Technologists.......	10	.16	n/a
25105	Computer Programmers................	10	.16	22.83
28000	Law & Related Occupations...........	10	.16	n/a
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations......................	10	.16	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.49	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	40	.66	40.76
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	180	2.96	16.60
49999	All Other Sales & Related Workers...	50	.83	n/a
51002	First Line Supervisors/Managers, Clerical, & Administration Support Occupations..............	30	.49	25.59
55100	Secretaries.........................	280	4.61	n/a
55308	Typists.............................	70	1.15	21.38
55314	Personnel Clerks, Except Payroll & Timekeeping.......................	20	.33	18.74
55323	Order Clerks; Materials, Merchandise, & Service............	10	.16	21.39
55326	Procurement Clerks..................	20	.33	20.37
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	90	1.48	13.74
55341	Payroll & Timekeeping Clerks........	10	.16	14.01
55344	Billing, Cost & Rate Clerks.........	40	.66	21.16
55347	General Office Clerks...............	140	2.31	14.63
56017	Data Entry Keyers, Except Composing.	10	.16	10.83
56099	All Other Office Machine Operators..	10	.16	n/a
58008	Production, Planning, & Expediting Clerks..........................	30	.49	6.17
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	40	.66	13.78
58028	Traffic, Shipping, & Receiving Clerks..........................	80	1.32	13.67
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.16	n/a
59999	All Other Clerical & Administrative Support Workers..................	40	.66	n/a
63047	Guards & Watch Guards...............	30	.49	11.79
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	.66	11.23
69999	All Other Service Workers...........	10	.16	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations...............	10	.16	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	60	.99	6.97
81008	First Line Supervisors/Managers, Production & Operating Workers....	300	4.94	5.80
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	40	.66	5.56

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand....................	10	.16	31.84
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.16	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	40	.66	26.59
83099	All Other Inspectors, Testers, & Related Occupations..............	10	.16	n/a
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant...	10	.16	31.47
85119	All Other Machinery Maintenance Mechanics........................	30	.49	n/a
85132	Maintenance Repairers, General Utility..........................	240	3.95	15.27
85905	Precision Instrument Repairers......	30	.49	10.03
85928	Mechanical Control & Valve Installers & Repairers...........	10	.16	31.33
85999	All Other Mechanics, Installers, & Repairers........................	20	.33	n/a
87202	Electricians......................	60	.99	18.70
87502	Plumbers,Pipefitters, & Steamfitters	40	.66	5.03
87899	All Other Construction Trades Workers.........................	20	.33	n/a
87900	Extractive & Related Workers, Including Blasters...............	10	.16	n/a
89108	Machinists........................	60	.99	38.64
89199	All Other Precision Metal Workers...	10	.16	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders........	100	1.64	32.06
92935	Chemical Equipment Controllers & Operators.......................	560	9.21	10.86
92938	Chemical Equipment Tenders..........	20	.33	26.85
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	530	8.72	14.49
92974	Packaging & Filling Machine Operators & Tenders..............	190	3.13	20.05
92998	All Other Machine Operators & Tenders.........................	30	.49	n/a
93914	Welders & Cutters.................	50	.83	7.49
93999	All Other Hand Workers.............	140	2.31	n/a
95008	Chemical Plant & System Operators...	170	2.80	26.96
95099	All Other Plant & System Operators..	40	.66	n/a
97102	Truck Drivers, Heavy or Tractor Trailer.........................	80	1.32	30.21

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	60	.99	18.77
97905	Tank Car & Truck Loaders............	50	.83	10.21
97947	Industrial Truck & Tractor Operators	60	.99	16.04
97953	Pump Operators.....................	10	.16	25.97
97999	All Other Material Moving Equipment Operators........................	30	.49	n/a
98102	Mechanic & Repairer Helpers.........	20	.33	19.83
98700	Freight, Stock, & Material Movers, Hand............................	80	1.32	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	120	1.98	n/a

Table 47
SIC 29
PETROLEUM REFINING AND RELATED INDUSTRIES

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	44,350	100.00	n/a
13002	Financial Managers..................	240	.54	18.01
13005	Personnel, Training, & Labor Relations Managers...............	170	.38	10.13
13008	Purchasing Managers.................	70	.16	15.32
13011	Marketing, Advertising, & Public Relations Managers...............	120	.27	19.65
13014	Administrative Services Managers....	90	.20	15.30
15014	Industrial Production Managers......	240	.54	9.17
15021	Mining, Quarrying, & Oil & Gas Well Drilling Managers.................	70	.16	23.49
19005	General Managers & Top Executives...	570	1.29	21.34
19999	All Other Managers & Administrators.	800	1.80	n/a
21114	Accountants & Auditors..............	990	2.23	15.26
21117	Budget Analysts.....................	60	.14	10.86
21199	All Other Financial Specialists.....	280	.63	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	180	.41	9.16
21511	Personnel, Training, & Labor Relations Specialists............	320	.72	8.67
21902	Cost Estimators.....................	30	.07	18.33
21999	All Other Mgmt Support Workers......	1,090	2.46	n/a
22111	Petroleum Engineers.................	110	.25	14.19
22114	Chemical Engineers..................	990	2.23	8.57
22121	Civil Engineers, Including Traffic..	180	.41	10.15
22126	Electrical & Electronic Engineers...	150	.34	9.35
22128	Industrial Engineers, Except Safety.	370	.83	14.33
22132	Safety Engineers, Except Mining.....	90	.20	16.61
22135	Mechanical Engineers................	260	.59	8.23
22199	All Other Engineers.................	230	.52	n/a
22502	Civil Engineering Technicians & Technologists....................	50	.11	15.53
22505	Electrical & Electronic Engineering Technicians & Technologists.......	120	.27	18.32
22508	Industrial Engineering Technicians & Technologists....................	130	.29	12.36
22511	Mechanical Engineering Technicians & Technologists..................	80	.18	14.42
22514	Drafters............................	240	.54	6.88

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
22599	All Other Engineering & Related Technicians & Technologists	70	.16	n/a
24105	Chemists, Except Biochemists	340	.77	8.50
24111	Geologists, Geophysicists, & Oceanographers	130	.29	29.47
24199	All Other Physical Scientists	10	.02	n/a
24300	Life Scientists	10	.02	n/a
24505	Chemical Technicians & Technologists, Except Health	950	2.14	10.05
24511	Petroleum Technicians & Technologists	210	.47	20.77
24599	All Other Physical & Life Science Technicians & Technologists	70	.16	n/a
25102	Systems Analysts, E.D.P.	440	.99	15.74
25105	Computer Programmers	500	1.13	15.33
25312	Statisticians	10	.02	17.38
25319	All Other Mathematical Scientists	30	.07	n/a
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	90	.20	n/a
34008	Public Relations Specialists & Publicity Writers	30	.07	14.56
39999	All Other Professional, Paraprofessional, & Technical Workers	590	1.33	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	50	.11	6.00
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	60	.14	32.15
49008	Other Sales Representatives, Except Retail	360	.81	15.85
49999	All Other Sales & Related Workers	10	.02	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	410	.92	9.38
55100	Secretaries	1,200	2.71	n/a
55302	Stenographers	410	.92	19.51
55305	Receptionists & Information Clerks	40	.09	14.26
55308	Typists	70	.16	18.82
55311	Typists, Word Processing Equipment	40	.09	16.13
55314	Personnel Clerks, Except Payroll & Timekeeping	120	.27	8.76
55321	File Clerks	70	.16	17.93
55323	Order Clerks; Materials, Merchandise, & Service	160	.36	28.90
55326	Procurement Clerks	60	.14	10.52
55338	Bookkeeping, Accounting, & Auditing Clerks	660	1.49	15.53
55341	Payroll & Timekeeping Clerks	130	.29	10.34

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55344	Billing, Cost & Rate Clerks	100	.23	12.39
55347	General Office Clerks	980	2.21	11.66
56011	Computer Operators, Except Peripheral Equipment	250	.56	14.57
56017	Data Entry Keyers, Except Composing	190	.43	16.32
56099	All Other Office Machine Operators	120	.27	n/a
57102	Switchboard Operators	80	.18	5.81
58008	Production, Planning, & Expediting Clerks	370	.83	8.15
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	130	.29	18.20
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	330	.74	8.93
58028	Traffic, Shipping, & Receiving Clerks	160	.36	14.77
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.02	n/a
59999	All Other Clerical & Administrative Support Workers	400	.90	n/a
61000	First Line Supervisors/Managers, Service	30	.07	n/a
63047	Guards & Watch Guards	210	.47	10.65
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	70	.16	8.91
69999	All Other Service Workers	40	.09	n/a
79014	Gardeners & Groundskeepers, Except Farm	10	.02	48.08
79999	All Other Agricultural, Forestry, Fishing, & Related Workers	10	.02	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	480	1.08	8.36
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	210	.47	8.88
81008	First Line Supervisors/Managers, Production & Operating Workers	1,510	3.41	8.78
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	90	.20	12.69
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	110	.25	16.76
83002	Precision Inspectors, Testers, & Graders	150	.34	16.03
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	520	1.17	12.70
85110	Machinery Maintenance Mechanics	870	1.96	10.24
85128	Machinery Maintenance Workers	90	.20	19.85

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85132	Maintenance Repairers, General Utility	720	1.62	21.75
85302	Automotive Mechanics	60	.14	13.96
85311	Bus & Truck Mechanics, & Diesel Engine Specialists	40	.09	44.14
85905	Precision Instrument Repairers	710	1.60	6.94
85928	Mechanical Control & Valve Installers & Repairers	200	.45	17.18
85935	Riggers	70	.16	19.26
85999	All Other Mechanics, Installers, & Repairers	40	.09	n/a
87102	Carpenters	300	.68	9.20
87202	Electricians	560	1.26	7.77
87402	Painters & Paperhangers, Construction & Maintenance	140	.32	9.90
87502	Plumbers,Pipefitters, & Steamfitters	980	2.21	7.38
87505	Pipelaying Fitters	20	.05	21.05
87508	Pipelayers	40	.09	20.34
87802	Insulation Workers	200	.45	8.20
87899	All Other Construction Trades Workers	120	.27	n/a
89108	Machinists	980	2.21	10.09
89135	Boilermakers	470	1.06	11.56
89199	All Other Precision Metal Workers	50	.11	n/a
89999	All Other Precision Workers	20	.05	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	170	.38	20.89
92926	Boiler Operators & Tenders, Low Pressure	90	.20	19.24
92935	Chemical Equipment Controllers & Operators	3,210	7.24	11.16
92938	Chemical Equipment Tenders	260	.59	17.91
92944	Cutting & Slicing Machine Operators & Tenders	10	.02	34.15
92953	Coating, Painting, & Spraying Machine Operators & Tenders	70	.16	10.53
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders	810	1.83	16.85
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	500	1.13	16.14
92974	Packaging & Filling Machine Operators & Tenders	330	.74	12.90
92997	All Other Machine Setters & Set-Up Operators	220	.50	n/a
92998	All Other Machine Operators & Tenders	50	.11	n/a
93914	Welders & Cutters	460	1.04	8.88

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
95008	Chemical Plant & System Operators...	240	.54	18.26
95011	Petroleum Pump System Operators.....	860	1.94	17.36
95014	Petroleum Refinery & Control Panel Operators........................	1,970	4.44	16.79
95017	Gaugers.............................	470	1.06	15.27
95028	Power Distributors & Dispatchers....	290	.65	32.22
95032	Stationary Engineers................	260	.59	14.15
95099	All Other Plant & System Operators..	940	2.12	n/a
97102	Truck Drivers, Heavy or Tractor Trailer...........................	530	1.20	39.34
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	130	.29	17.23
97199	All Other Motor Vehicle Operators...	10	.02	n/a
97317	Railroad Brake, Signal & Switch Operators........................	20	.05	15.94
97899	All Other Transportation & Related Workers..........................	10	.02	n/a
97905	Tank Car & Truck Loaders............	190	.43	21.14
97911	Well Head Pumpers...................	20	.05	19.93
97944	Crane & Tower Operators.............	70	.16	13.38
97947	Industrial Truck & Tractor Operators	240	.54	5.82
97953	Pump Operators......................	150	.34	25.25
97999	All Other Material Moving Equipment Operators........................	50	.11	n/a
98102	Mechanic & Repairer Helpers.........	610	1.38	13.03
98300	Construction Trades & Extractive Worker Helpers...................	180	.41	n/a
98502	Machine Feeders & Offbearers........	40	.09	10.50
98700	Freight, Stock, & Material Movers, Hand............................	500	1.13	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	1,500	3.38	n/a

Table 48
SIC 291
PETROLEUM REFINING

This group includes establishments primarily engaged in producing gasoline, kerosene distillate fuel oils, residual fuel oils, lubricants, and other products from crude petroleum and its fractionation products through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking, or other processes.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	41,120	100.00	n/a
13002	Financial Managers..................	220	.54	19.20
13005	Personnel, Training, & Labor Relations Managers...............	160	.39	10.73
13008	Purchasing Managers................	60	.15	17.00
13011	Marketing, Advertising, & Public Relations Managers...............	110	.27	20.52
13014	Administrative Services Managers....	80	.19	16.71
15014	Industrial Production Managers......	230	.56	9.65
15021	Mining, Quarrying, & Oil & Gas Well Drilling Managers................	70	.17	23.49
19005	General Managers & Top Executives...	470	1.14	25.88
19999	All Other Managers & Administrators.	800	1.95	n/a
21114	Accountants & Auditors.............	950	2.31	15.78
21117	Budget Analysts....................	50	.12	11.49
21199	All Other Financial Specialists.....	280	.68	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	170	.41	10.04
21511	Personnel, Training, & Labor Relations Specialists............	300	.73	8.72
21902	Cost Estimators....................	30	.07	19.59
21999	All Other Mgmt Support Workers......	1,080	2.63	n/a
22111	Petroleum Engineers................	110	.27	14.19
22114	Chemical Engineers.................	990	2.41	8.58
22121	Civil Engineers, Including Traffic..	180	.44	10.21
22126	Electrical & Electronic Engineers...	150	.36	9.41
22128	Industrial Engineers, Except Safety.	370	.90	14.47
22132	Safety Engineers, Except Mining.....	90	.22	16.79
22135	Mechanical Engineers...............	260	.63	8.38
22199	All Other Engineers................	230	.56	n/a
22502	Civil Engineering Technicians & Technologists....................	50	.12	15.53
22505	Electrical & Electronic Engineering Technicians & Technologists.......	120	.29	18.32
22508	Industrial Engineering Technicians & Technologists...................	130	.32	12.36
22511	Mechanical Engineering Technicians & Technologists.................	80	.19	14.42

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
22514	Drafters	240	.59	6.91
22599	All Other Engineering & Related Technicians & Technologists	70	.17	n/a
24105	Chemists, Except Biochemists	320	.78	8.88
24199	All Other Physical Scientists	140	.34	n/a
24300	Life Scientists	10	.02	n/a
24505	Chemical Technicians & Technologists, Except Health	940	2.29	10.20
24511	Petroleum Technicians & Technologists	200	.49	21.15
24599	All Other Physical & Life Science Technicians & Technologists	70	.17	n/a
25102	Systems Analysts, E.D.P.	440	1.07	15.74
25105	Computer Programmers	500	1.22	15.33
25312	Statisticians	10	.02	17.38
25319	All Other Mathematical Scientists	30	.07	n/a
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	90	.22	n/a
34008	Public Relations Specialists & Publicity Writers	20	.05	13.46
39999	All Other Professional, Paraprofessional, & Technical Workers	590	1.44	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	10	.02	21.70
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	30	.07	47.17
49008	Other Sales Representatives, Except Retail	110	.27	49.93
49999	All Other Sales & Related Workers	10	.02	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	380	.92	9.98
55100	Secretaries	1,110	2.70	n/a
55302	Stenographers	410	1.00	19.51
55305	Receptionists & Information Clerks	40	.10	15.49
55308	Typists	50	.12	16.14
55311	Typists, Word Processing Equipment	30	.07	22.81
55314	Personnel Clerks, Except Payroll & Timekeeping	110	.27	9.41
55321	File Clerks	60	.15	19.74
55323	Order Clerks; Materials, Merchandise, & Service	120	.29	37.58
55326	Procurement Clerks	50	.12	11.14
55338	Bookkeeping, Accounting, & Auditing Clerks	590	1.44	17.19
55341	Payroll & Timekeeping Clerks	110	.27	11.58
55344	Billing, Cost & Rate Clerks	100	.24	12.87

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55347	General Office Clerks...............	940	2.29	12.11
56011	Computer Operators, Except Peripheral Equipment.............	240	.59	14.62
56017	Data Entry Keyers, Except Composing.	190	.46	16.41
56099	All Other Office Machine Operators..	120	.29	n/a
57102	Switchboard Operators...............	70	.17	6.14
58008	Production, Planning, & Expediting Clerks..........................	350	.85	8.44
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping...........	130	.32	18.20
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	310	.75	9.64
58028	Traffic, Shipping, & Receiving Clerks..........................	150	.36	16.37
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.02	n/a
59999	All Other Clerical & Administrative Support Workers..................	400	.97	n/a
61000	First Line Supervisors/Managers, Service..........................	30	.07	n/a
63047	Guards & Watch Guards...............	200	.49	11.17
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	.10	14.64
69999	All Other Service Workers...........	40	.10	n/a
79014	Gardeners & Groundskeepers, Except Farm............................	10	.02	48.08
79999	All Other Agricultural, Forestry, Fishing, & Related Workers........	10	.02	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	470	1.14	8.54
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	210	.51	8.88
81008	First Line Supervisors/Managers, Production & Operating Workers....	1,350	3.28	9.80
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	80	.19	13.83
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	110	.27	17.19
83002	Precision Inspectors, Testers, & Graders.........................	140	.34	16.48
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	500	1.22	13.08
85110	Machinery Maintenance Mechanics....	780	1.90	n/a
85128	Machinery Maintenance Workers.......	80	.19	21.67

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85132	Maintenance Repairers, General Utility	610	1.48	25.47
85302	Automotive Mechanics	60	.15	15.35
85905	Precision Instrument Repairers	700	1.70	6.94
85928	Mechanical Control & Valve Installers & Repairers	200	.49	17.26
85935	Riggers	70	.17	19.26
85999	All Other Mechanics, Installers, & Repairers	80	.19	n/a
87102	Carpenters	300	.73	9.20
87202	Electricians	550	1.34	7.88
87402	Painters & Paperhangers, Construction & Maintenance	140	.34	9.90
87502	Plumbers,Pipefitters, & Steamfitters	980	2.38	7.39
87505	Pipelaying Fitters	20	.05	21.05
87508	Pipelayers	40	.10	20.34
87802	Insulation Workers	200	.49	8.20
87899	All Other Construction Trades Workers	60	.15	n/a
87900	Extractive & Related Workers, Including Blasters	60	.15	n/a
89108	Machinists	980	2.38	10.12
89135	Boilermakers	470	1.14	11.56
89199	All Other Precision Metal Workers	50	.12	n/a
89999	All Other Precision Workers	10	.02	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	140	.34	25.34
92926	Boiler Operators & Tenders, Low Pressure	90	.22	19.94
92935	Chemical Equipment Controllers & Operators	3,190	7.76	11.24
92938	Chemical Equipment Tenders	260	.63	17.98
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders	790	1.92	17.14
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	280	.68	21.85
92997	All Other Machine Setters & Set-Up Operators	120	.29	n/a
92998	All Other Machine Operators & Tenders	170	.41	n/a
93914	Welders & Cutters	450	1.09	9.10
95008	Chemical Plant & System Operators	200	.49	20.22
95011	Petroleum Pump System Operators	820	1.99	18.05
95014	Petroleum Refinery & Control Panel Operators	1,970	4.79	16.81
95017	Gaugers	470	1.14	15.27
95028	Power Distributors & Dispatchers	290	.71	32.22

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
95032	Stationary Engineers................	260	.63	14.15
95099	All Other Plant & System Operators..	940	2.29	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	100	.24	21.42
97199	All Other Motor Vehicle Operators...	430	1.05	n/a
97317	Railroad Brake, Signal & Switch Operators.........................	20	.05	15.94
97899	All Other Transportation & Related Workers..........................	10	.02	n/a
97905	Tank Car & Truck Loaders............	170	.41	23.47
97911	Well Head Pumpers...................	20	.05	19.93
97944	Crane & Tower Operators.............	60	.15	14.20
97947	Industrial Truck & Tractor Operators	40	.10	13.86
97953	Pump Operators......................	140	.34	26.10
97999	All Other Material Moving Equipment Operators.........................	30	.07	n/a
98102	Mechanic & Repairer Helpers.........	600	1.46	13.20
98300	Construction Trades & Extractive Worker Helpers....................	180	.44	n/a
98700	Freight, Stock, & Material Movers, Hand.............................	220	.54	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	1,310	3.19	n/a

Table 49
SIC 295
PAVING AND ROOFING MATERIALS

This group includes establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks make of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Also included are establishments who manufacture asphalt and other saturated felts in roll or shingle form, either smooth or faced with grit, and roofing cements and coatings.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	2,180	100.00	n/a
13002	Financial Managers.................	10	.46	21.85
19005	General Managers & Top Executives...	50	2.29	12.66
19999	All Other Managers & Administrators.	60	2.75	n/a
21114	Accountants & Auditors.............	30	1.38	10.85
21199	All Other Financial Specialists.....	10	.46	n/a
22100	Engineers..........................	10	.46	n/a
24100	Physical Scientists................	10	.46	n/a
24500	Physical & Life Science Technicians & Technologists.................	10	.46	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.92	n/a
49008	Other Sales Representatives, Except Retail....................	50	2.29	26.58
49999	All Other Sales & Related Workers...	30	1.38	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	20	.92	27.08
55100	Secretaries........................	40	1.83	n/a
55323	Order Clerks; Materials, Merchandise, & Service...........	30	1.38	19.00
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.83	10.99
55347	General Office Clerks..............	20	.92	21.18
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	10	.46	15.18
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.92	n/a
59999	All Other Clerical & Administrative Support Workers.................	50	2.29	n/a
63047	Guards & Watch Guards..............	10	.46	27.38
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	20	.92	11.07
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.46	22.27
81008	First Line Supervisors/Managers, Production & Operating Workers....	120	5.50	5.61

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.46	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	20	.92	20.89
83099	All Other Inspectors, Testers, & Related Occupations..............	10	.46	n/a
85110	Machinery Maintenance Mechanics....	90	4.13	n/a
85132	Maintenance Repairers, General Utility.........................	90	4.13	14.57
85999	All Other Mechanics, Installers, & Repairers.......................	20	.92	n/a
89999	All Other Precision Workers.........	10	.46	n/a
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	60	2.75	9.47
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders.........................	160	7.34	32.55
92974	Packaging & Filling Machine Operators & Tenders...............	100	4.58	22.44
92997	All Other Machine Setters & Set-Up Operators.......................	90	4.13	n/a
92998	All Other Machine Operators & Tenders.........................	70	3.21	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	10	.46	n/a
95000	Plant & System Occupations..........	40	1.83	n/a
97102	Truck Drivers, Heavy or Tractor Trailer.........................	90	4.13	16.12
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	10	.46	9.05
97947	Industrial Truck & Tractor Operators	160	7.34	7.98
97999	All Other Material Moving Equipment Operators.......................	40	1.83	n/a
98502	Machine Feeders & Offbearers........	40	1.83	10.43
98700	Freight, Stock, & Material Movers, Hand............................	220	10.09	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	160	7.34	n/a

Table 50
SIC 30
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	31,540	100.00	n/a
13002	Financial Managers	100	.32	7.41
13005	Personnel, Training, & Labor Relations Managers	70	.22	10.62
13008	Purchasing Managers	40	.13	12.25
13011	Marketing, Advertising, & Public Relations Managers	140	.44	16.18
15014	Industrial Production Managers	130	.41	10.59
19005	General Managers & Top Executives	640	2.03	12.60
19999	All Other Managers & Administrators	140	.44	n/a
21114	Accountants & Auditors	180	.57	17.24
21199	All Other Financial Specialists	10	.03	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	60	.19	15.77
21511	Personnel, Training, & Labor Relations Specialists	60	.19	12.26
21999	All Other Mgmt Support Workers	130	.41	n/a
22114	Chemical Engineers	60	.19	41.80
22126	Electrical & Electronic Engineers	20	.06	28.76
22128	Industrial Engineers, Except Safety	50	.16	19.21
22135	Mechanical Engineers	100	.32	16.20
22199	All Other Engineers	50	.16	n/a
22511	Mechanical Engineering Technicians & Technologists	40	.13	24.24
22514	Drafters	50	.16	33.94
22599	All Other Engineering & Related Technicians & Technologists	80	.25	n/a
24105	Chemists, Except Biochemists	40	.13	33.77
24300	Life Scientists	20	.06	n/a
24505	Chemical Technicians & Technologists, Except Health	240	.76	19.97
24599	All Other Physical & Life Science Technicians & Technologists	30	.10	n/a
25102	Systems Analysts, E.D.P	30	.10	20.19
25105	Computer Programmers	70	.22	19.39
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	20	.06	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
39999	All Other Professional, Paraprofessional, & Technical Workers.......	70	.22	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	70	.22	26.11
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	260	.82	32.20
49008	Other Sales Representatives, Except Retail....................	530	1.68	20.13
49999	All Other Sales & Related Workers...	120	.38	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	100	.32	15.80
55100	Secretaries........................	520	1.65	n/a
55305	Receptionists & Information Clerks..	50	.16	16.47
55308	Typists............................	40	.13	25.82
55311	Typists, Word Processing Equipment..	20	.06	25.81
55314	Personnel Clerks, Except Payroll & Timekeeping......................	40	.13	13.24
55323	Order Clerks; Materials, Merchandise, & Service............	120	.38	26.69
55326	Procurement Clerks.................	20	.06	25.71
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	370	1.17	37.56
55341	Payroll & Timekeeping Clerks........	60	.19	11.14
55344	Billing, Cost & Rate Clerks.........	90	.29	19.68
55347	General Office Clerks..............	610	1.93	27.37
56011	Computer Operators, Except Peripheral Equipment.............	30	.10	36.23
56017	Data Entry Keyers, Except Composing.	50	.16	20.82
56099	All Other Office Machine Operators..	10	.03	n/a
57102	Switchboard Operators..............	30	.10	11.58
58008	Production, Planning, & Expediting Clerks..........................	160	.51	23.15
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard.................	150	.48	11.55
58028	Traffic, Shipping, & Receiving Clerks..........................	570	1.81	34.08
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.06	n/a
59999	All Other Clerical & Administrative Support Workers.................	20	.06	n/a
61000	First Line Supervisors/Managers, Service..........................	30	.10	n/a
63047	Guards & Watch Guards..............	90	.29	13.08
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	340	1.08	9.95
79014	Gardeners & Groundskeepers, Except Farm............................	10	.03	40.66

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	90	.29	10.46
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	30	.10	27.40
81008	First Line Supervisors/Managers, Production & Operating Workers	1,990	6.31	7.46
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	120	.38	28.16
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	50	.16	24.23
83002	Precision Inspectors, Testers, & Graders	280	.89	23.35
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	830	2.63	21.46
85110	Machinery Maintenance Mechanics	520	1.65	12.76
85128	Machinery Maintenance Workers	60	.19	15.29
85132	Maintenance Repairers, General Utility	650	2.06	22.89
85311	Bus & Truck Mechanics, & Diesel Engine Specialists	30	.10	46.52
85999	All Other Mechanics, Installers, & Repairers	170	.54	n/a
87102	Carpenters	20	.06	12.97
87202	Electricians	140	.44	17.32
87402	Painters & Paperhangers, Construction & Maintenance	20	.06	22.86
87502	Plumbers,Pipefitters, & Steamfitters	70	.22	16.69
87899	All Other Construction Trades Workers	20	.06	n/a
89102	Tool & Die Makers	140	.44	40.79
89108	Machinists	580	1.84	33.41
89999	All Other Precision Workers	260	.82	n/a
91311	Extruding & Drawing Machine Setters & Set-Up Operators,Metal & Plastic	680	2.16	31.21
91321	Machine Forming Operators & Tenders, Metal & Plastic	910	2.89	28.45
91902	Plastic Molding & Casting Machine Setters & Set-Up Operators	810	2.57	22.83
91905	Plastic Molding & Casting Machine Operators & Tenders	2,090	6.63	26.10
91938	Heaters, Metal & Plastic	160	.51	40.18
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	360	1.14	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	650	2.06	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders........	230	.73	21.04
92944	Cutting & Slicing Machine Operators & Tenders........................	120	.38	42.04
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	250	.79	32.90
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders...........................	630	2.00	29.01
92968	Extruding, Forming, Pressing, & Compacting Machine Setters & Set-Up Operators..................	690	2.19	45.55
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders...........................	1,130	3.58	27.58
92997	All Other Machine Setters & Set-Up Operators........................	270	.86	n/a
92998	All Other Machine Operators & Tenders...........................	1,490	4.72	n/a
93926	Cutters & Trimmers, Hand............	260	.82	35.63
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision.......................	3,010	9.54	24.14
93999	All Other Hand Workers.............	600	1.90	n/a
95000	Plant & System Occupations..........	190	.60	n/a
97102	Truck Drivers, Heavy or Tractor Trailer...........................	240	.76	20.94
97199	All Other Motor Vehicle Operators...	650	2.06	n/a
97947	Industrial Truck & Tractor Operators	790	2.50	14.24
97999	All Other Material Moving Equipment Operators........................	70	.22	n/a
98502	Machine Feeders & Offbearers........	240	.76	29.91
98700	Freight, Stock, & Material Movers, Hand.............................	880	2.79	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	870	2.76	n/a

Table 51
SIC 301
TIRES AND INNER TUBES

This group includes establishments primarily engaged in manufacturing pneumatic casings, inner tubes, and solid and cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles; tiring; and camelback, and tire repair and retreading materials.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,990	100.00	n/a
15014	Industrial Production Managers......	20	.50	18.27
19005	General Managers & Top Executives...	30	.75	9.72
19999	All Other Managers & Administrators.	40	1.00	n/a
22128	Industrial Engineers, Except Safety.	20	.50	18.27
22135	Mechanical Engineers...............	10	.25	25.34
22199	All Other Engineers................	10	.25	n/a
22500	Engineering & Related Technicians & Technologists.................	90	2.26	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	120	3.01	n/a
40000	Sales & Related Occupations.........	10	.25	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	10	.25	13.47
55100	Secretaries........................	40	1.00	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	10	.25	14.04
55341	Payroll & Timekeeping Clerks........	10	.25	16.71
55347	General Office Clerks..............	20	.50	46.05
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.25	n/a
58008	Production, Planning, & Expediting Clerks..........................	10	.25	18.30
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.50	11.66
58028	Traffic, Shipping, & Receiving Clerks..........................	30	.75	7.49
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.25	n/a
59999	All Other Clerical & Administrative Support Workers..................	30	.75	n/a
63047	Guards & Watch Guards..............	30	.75	15.76
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	110	2.76	11.66
70000	Agricultural, Forestry, Fishing, & Related Occupations..............	10	.25	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.50	7.78

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81008	First Line Supervisors/Managers, Production & Operating Workers....	170	4.26	16.23
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	70	1.75	43.80
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.25	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	120	3.01	26.41
83099	All Other Inspectors, Testers, & Related Occupations..............	30	.75	n/a
85110	Machinery Maintenance Mechanics....	130	3.26	18.56
85132	Maintenance Repairers, General Utility..........................	40	1.00	9.45
85999	All Other Mechanics, Installers, & Repairers........................	140	3.51	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving...........................	110	2.76	n/a
89000	Precision Production Occupations....	10	.25	n/a
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	80	2.01	19.75
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	200	5.02	16.72
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders..........................	20	.50	33.56
92997	All Other Machine Setters & Set-Up Operators........................	260	6.52	n/a
92998	All Other Machine Operators & Tenders..........................	730	18.30	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	50	1.25	n/a
95000	Plant & System Occupations..........	110	2.76	n/a
97947	Industrial Truck & Tractor Operators	360	9.02	20.36
97999	All Other Material Moving Equipment Operators........................	560	14.04	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	70	1.75	n/a

Table 52
SIC 306
FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED

This group includes establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics and vulcanized rubber clothing, and miscellaneous rubber specialties and sundries.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	3,420	100.00	n/a
13002	Financial Managers	30	.88	5.30
13005	Personnel, Training, & Labor Relations Managers	20	.58	9.96
13011	Marketing, Advertising, & Public Relations Managers	60	1.76	23.77
15014	Industrial Production Managers	20	.58	19.06
19005	General Managers & Top Executives	140	4.10	10.62
19999	All Other Managers & Administrators	50	1.46	n/a
21114	Accountants & Auditors	40	1.17	24.76
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.29	24.96
21999	All Other Mgmt Support Workers	20	.58	n/a
22114	Chemical Engineers	20	.58	9.69
22135	Mechanical Engineers	20	.58	37.30
22199	All Other Engineers	20	.58	n/a
24505	Chemical Technicians & Technologists, Except Health	60	1.76	14.99
24599	All Other Physical & Life Science Technicians & Technologists	60	1.76	n/a
25105	Computer Programmers	30	.88	6.58
39999	All Other Professional, Paraprofessional, & Technical Workers	10	.29	n/a
49008	Other Sales Representatives, Except Retail	170	4.97	15.55
49999	All Other Sales & Related Workers	100	2.93	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	10	.29	41.87
55100	Secretaries	130	3.80	n/a
55314	Personnel Clerks, Except Payroll & Timekeeping	10	.29	12.76
55323	Order Clerks; Materials, Merchandise, & Service	40	1.17	12.83
55338	Bookkeeping, Accounting, & Auditing Clerks	40	1.17	29.13
55341	Payroll & Timekeeping Clerks	10	.29	16.36
55344	Billing, Cost & Rate Clerks	20	.58	18.09
56000	Electronic Data Processing & Other Office Machine Occupations	20	.58	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58008	Production, Planning, & Expediting Clerks	20	.58	30.85
58028	Traffic, Shipping, & Receiving Clerks	30	.88	30.77
59999	All Other Clerical & Administrative Support Workers	50	1.46	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	10	.29	46.66
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.29	20.02
81008	First Line Supervisors/Managers, Production & Operating Workers	100	2.93	16.79
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	30	.88	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	40	1.17	28.51
83099	All Other Inspectors, Testers, & Related Occupations	10	.29	n/a
85110	Machinery Maintenance Mechanics	20	.58	n/a
85128	Machinery Maintenance Workers	10	.29	35.38
85132	Maintenance Repairers, General Utility	60	1.76	26.75
87000	Construction Trades & Extractive Occupations, Except Material Moving	10	.29	n/a
89102	Tool & Die Makers	20	.58	41.77
89108	Machinists	40	1.17	40.03
89999	All Other Precision Workers	100	2.93	n/a
91905	Plastic Molding & Casting Machine Operators & Tenders	150	4.39	27.26
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	50	1.46	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	40	1.17	n/a
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders	330	9.65	30.21
92997	All Other Machine Setters & Set-Up Operators	80	2.34	n/a
92998	All Other Machine Operators & Tenders	220	6.43	n/a
93926	Cutters & Trimmers, Hand	90	2.64	43.88
93999	All Other Hand Workers	340	9.94	n/a
97947	Industrial Truck & Tractor Operators	80	2.34	28.47
97999	All Other Material Moving Equipment Operators	10	.29	n/a
98502	Machine Feeders & Offbearers	90	2.64	9.96

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
98700	Freight, Stock, & Material Movers, Hand	130	3.80	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	90	2.64	n/a

Table 53
SIC 307
MISCELLANEOUS PLASTICS PRODUCTS

This group includes establishments primarily engaged in molding primary plastics for the trade, and fabricating miscellaneous finished plastics products such as plastics films, sheets, and rods; nontextile monofilaments; regenerated cellulose products; and vulcanized fiber from purchased or produced resins. Also included are establishments primarily engaged in compounding purchased resins.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	23,920	100.00	n/a
13002	Financial Managers	50	.21	12.26
13005	Personnel, Training, & Labor Relations Managers	40	.17	14.79
13008	Purchasing Managers	30	.13	16.57
13011	Marketing, Advertising, & Public Relations Managers	70	.29	24.70
15014	Industrial Production Managers	90	.38	14.32
19005	General Managers & Top Executives	480	2.01	16.72
19999	All Other Managers & Administrators	100	.42	n/a
21114	Accountants & Auditors	130	.54	22.34
21199	All Other Financial Specialists	10	.04	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	40	.17	20.60
21511	Personnel, Training, & Labor Relations Specialists	40	.17	17.99
21999	All Other Mgmt Support Workers	110	.46	n/a
22128	Industrial Engineers, Except Safety	20	.08	38.40
22135	Mechanical Engineers	70	.29	20.35
22199	All Other Engineers	80	.33	n/a
22511	Mechanical Engineering Technicians & Technologists	10	.04	25.11
22514	Drafters	40	.17	40.64
22599	All Other Engineering & Related Technicians & Technologists	20	.08	n/a
24100	Physical Scientists	20	.08	n/a
24505	Chemical Technicians & Technologists, Except Health	150	.63	31.15
24599	All Other Physical & Life Science Technicians & Technologists	10	.04	n/a
25102	Systems Analysts, E.D.P.	20	.08	32.73
25105	Computer Programmers	40	.17	32.53
39999	All Other Professional, Paraprofessional, & Technical Workers	40	.17	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	60	.25	33.31

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	180	.75	39.87
49008	Other Sales Representatives, Except Retail	360	1.51	29.00
49999	All Other Sales & Related Workers	40	.17	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	60	.25	23.65
55100	Secretaries	340	1.42	n/a
55305	Receptionists & Information Clerks	30	.13	25.74
55314	Personnel Clerks, Except Payroll & Timekeeping	20	.08	22.27
55323	Order Clerks; Materials, Merchandise, & Service	80	.33	38.93
55326	Procurement Clerks	20	.08	30.00
55338	Bookkeeping, Accounting, & Auditing Clerks	310	1.30	43.85
55341	Payroll & Timekeeping Clerks	40	.17	16.78
55344	Billing, Cost & Rate Clerks	60	.25	29.43
55347	General Office Clerks	540	2.26	30.60
56017	Data Entry Keyers, Except Composing	40	.17	26.73
56099	All Other Office Machine Operators	30	.13	n/a
57102	Switchboard Operators	10	.04	25.58
58008	Production, Planning, & Expediting Clerks	120	.50	29.63
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	120	.50	13.49
58028	Traffic, Shipping, & Receiving Clerks	510	2.13	37.88
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.04	n/a
59999	All Other Clerical & Administrative Support Workers	20	.08	n/a
61000	First Line Supervisors/Managers, Service	10	.04	n/a
63047	Guards & Watch Guards	70	.29	17.73
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	220	.92	14.03
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	50	.21	16.27
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	10	.04	31.23
81008	First Line Supervisors/Managers, Production & Operating Workers	1,730	7.23	8.41
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	30	.13	26.40

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	50	.21	26.11
83002	Precision Inspectors, Testers, & Graders	240	1.00	26.08
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	670	2.80	26.37
85110	Machinery Maintenance Mechanics	380	1.59	16.37
85132	Maintenance Repairers, General Utility	550	2.30	26.92
85999	All Other Mechanics, Installers, & Repairers	110	.46	n/a
87202	Electricians	80	.33	25.51
87402	Painters & Paperhangers, Construction & Maintenance	20	.08	31.64
87899	All Other Construction Trades Workers	60	.25	n/a
89102	Tool & Die Makers	120	.50	45.44
89108	Machinists	530	2.22	35.97
89999	All Other Precision Workers	160	.67	n/a
91311	Extruding & Drawing Machine Setters & Set-Up Operators,Metal & Plastic	440	1.84	47.22
91321	Machine Forming Operators & Tenders, Metal & Plastic	910	3.81	28.45
91902	Plastic Molding & Casting Machine Setters & Set-Up Operators	790	3.30	23.50
91905	Plastic Molding & Casting Machine Operators & Tenders	1,940	8.11	28.03
91938	Heaters, Metal & Plastic	160	.67	40.18
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	340	1.42	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	620	2.59	n/a
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	390	1.63	45.32
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders	780	3.26	37.88
92997	All Other Machine Setters & Set-Up Operators	870	3.64	n/a
92998	All Other Machine Operators & Tenders	1,100	4.60	n/a
93926	Cutters & Trimmers, Hand	170	.71	49.87
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	2,640	11.04	26.76
93999	All Other Hand Workers	540	2.26	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
95000	Plant & System Occupations..........	80	.33	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	180	.75	27.97
97199	All Other Motor Vehicle Operators...	150	.63	n/a
97947	Industrial Truck & Tractor Operators	350	1.46	23.39
97999	All Other Material Moving Equipment Operators........................	60	.25	n/a
98700	Freight, Stock, & Material Movers, Hand............................	750	3.14	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	860	3.60	n/a

Table 54
SIC 31
LEATHER AND LEATHER PRODUCTS

This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	7,970	100.00	n/a
13002	Financial Managers.................	20	.25	8.10
13005	Personnel, Training, & Labor Relations Managers...............	10	.13	12.97
13008	Purchasing Managers................	20	.25	14.51
13011	Marketing, Advertising, & Public Relations Managers...............	20	.25	5.22
15014	Industrial Production Managers......	40	.50	10.34
19005	General Managers & Top Executives...	150	1.88	11.39
19999	All Other Managers & Administrators.	10	.13	n/a
21114	Accountants & Auditors.............	30	.38	17.55
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	10	.13	31.32
25105	Computer Programmers...............	20	.25	45.81
39999	All Other Professional, Paraprofessional, & Technical Workers.......	50	.63	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	20	.25	13.66
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	40	.50	17.78
49008	Other Sales Representatives, Except Retail....................	240	3.01	17.01
49999	All Other Sales & Related Workers...	50	.63	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	50	.63	6.35
55100	Secretaries........................	160	2.00	n/a
55305	Receptionists & Information Clerks..	10	.13	9.46
55308	Typists............................	10	.13	25.72
55321	File Clerks........................	20	.25	5.15
55323	Order Clerks; Materials, Merchandise, & Service...........	60	.75	33.31
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	80	1.00	17.23
55341	Payroll & Timekeeping Clerks........	20	.25	8.89
55344	Billing, Cost & Rate Clerks.........	20	.25	7.29
55347	General Office Clerks..............	100	1.25	16.19
56017	Data Entry Keyers, Except Composing.	20	.25	21.46

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58008	Production, Planning, & Expediting Clerks	20	.25	16.60
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	60	.75	24.30
58028	Traffic, Shipping, & Receiving Clerks	160	2.00	12.23
58099	All Other Material Recording, Scheduling, & Distributing Workers	30	.38	n/a
59999	All Other Clerical & Administrative Support Workers	40	.50	n/a
63047	Guards & Watch Guards	30	.38	12.48
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	80	1.00	12.95
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.13	10.90
81008	First Line Supervisors/Managers, Production & Operating Workers	300	3.76	8.03
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	40	.50	32.98
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	180	2.25	24.16
85112	Machinery Maintenance Mechanics, Textile Machines	10	.13	12.12
85113	Machinery Maintenance Mechanics, Sewing Machines	30	.38	6.99
85119	All Other Machinery Maintenance Mechanics	10	.13	n/a
85132	Maintenance Repairers, General Utility	90	1.13	12.28
85999	All Other Mechanics, Installers, & Repairers	20	.25	n/a
87102	Carpenters	20	.25	36.66
89511	Shoe & Leather Workers & Repairers, Precision	1,370	17.19	11.23
89599	All Other Precision Textile, Apparel, & Furnishings Workers	40	.50	n/a
92543	Printing Press Machine Operators & Tenders	30	.38	37.82
92717	Sewing Machine Operators, Garment	170	2.13	n/a
92721	Sewing Machine Operators, Non-Garment	420	5.27	20.05
92723	Shoe Sewing Machine Operators & Tenders	810	10.16	8.04
92728	Pressing Machine Operators & Tenders; Textile, Garment, & Related Material	60	.75	14.75

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92941	Cutting & Slicing Machine Setters & Set-Up Operators	50	.63	18.68
92944	Cutting & Slicing Machine Operators & Tenders	90	1.13	16.78
92953	Coating, Painting, & Spraying Machine Operators & Tenders	50	.63	18.10
92956	Cementing & Gluing Machine Operators & Tenders	190	2.38	15.44
92974	Packaging & Filling Machine Operators & Tenders	110	1.38	31.75
92997	All Other Machine Setters & Set-Up Operators	10	.13	n/a
92998	All Other Machine Operators & Tenders	290	3.64	n/a
93921	Pressers, Hand	30	.38	24.80
93923	Sewers, Hand	110	1.38	23.51
93926	Cutters & Trimmers, Hand	280	3.51	10.92
93947	Painting, Coating, & Decorating Workers, Hand	20	.25	10.24
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	90	1.13	24.98
93999	All Other Hand Workers	430	5.40	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers	10	.13	24.08
97947	Industrial Truck & Tractor Operators	10	.13	27.96
97999	All Other Material Moving Equipment Operators	80	1.00	n/a
98502	Machine Feeders & Offbearers	60	.75	40.70
98700	Freight, Stock, & Material Movers, Hand	90	1.13	n/a
98902	Hand Packers & Packagers	240	3.01	24.35
98999	All Other Helpers, Laborers, & Material Movers, Hand	420	5.27	n/a

Table 55
SIC 319
LEATHER GOODS, NOT ELSEWHERE CLASSIFIED

This group includes establishments engaged in manufacturing leather goods, not elsewhere classified, such as saddlery, harness, and whips, embossed leather goods, leather desk sets, razor strops, and leather belting.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	1,460	100.00	n/a
19005	General Managers & Top Executives...	50	3.42	11.86
19999	All Other Managers & Administrators.	30	2.06	n/a
21100	Accountants, Auditors, & Other Financial Specialists............	10	.68	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.68	n/a
49008	Other Sales Representatives, Except Retail....................	120	8.21	14.85
49999	All Other Sales & Related Workers...	20	1.37	n/a
55100	Secretaries........................	30	2.06	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	30	2.06	19.70
55347	General Office Clerks..............	30	2.06	9.74
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.68	n/a
58028	Traffic, Shipping, & Receiving Clerks..........................	30	2.06	21.38
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	1.37	n/a
59999	All Other Clerical & Administrative Support Workers..................	10	.68	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	20	1.37	27.38
81008	First Line Supervisors/Managers, Production & Operating Workers....	60	4.11	8.24
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.68	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	20	1.37	35.53
85132	Maintenance Repairers, General Utility..........................	30	2.06	16.03
89511	Shoe & Leather Workers & Repairers, Precision.......................	510	34.93	6.30
92721	Sewing Machine Operators, Non-Garment.....................	80	5.48	17.49
92723	Shoe Sewing Machine Operators & Tenders..........................	30	2.06	41.69

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92941	Cutting & Slicing Machine Setters & Set-Up Operators.................	30	2.06	8.89
92974	Packaging & Filling Machine Operators & Tenders..............	50	3.42	45.01
92998	All Other Machine Operators & Tenders..........................	80	5.48	n/a
93923	Sewers, Hand.......................	30	2.06	11.57
93926	Cutters & Trimmers, Hand...........	60	4.11	29.45
93999	All Other Hand Workers.............	20	1.37	n/a
98700	Freight, Stock, & Material Movers, Hand.............................	10	.68	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	20	1.37	n/a

Table 56
SIC 32
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	44,280	100.00	n/a
13002	Financial Managers.................	120	.27	19.69
13005	Personnel, Training, & Labor Relations Managers...............	60	.14	16.13
13008	Purchasing Managers................	60	.14	22.05
13011	Marketing, Advertising, & Public Relations Managers...............	80	.18	9.12
13014	Administrative Services Managers....	70	.16	32.87
15014	Industrial Production Managers......	260	.59	17.58
15021	Mining, Quarrying, & Oil & Gas Well Drilling Managers...............	30	.07	24.34
19005	General Managers & Top Executives...	1,140	2.57	13.89
19999	All Other Managers & Administrators.	280	.63	n/a
21114	Accountants & Auditors.............	170	.38	25.63
21199	All Other Financial Specialists.....	10	.02	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	70	.16	18.75
21511	Personnel, Training, & Labor Relations Specialists............	60	.14	36.10
21999	All Other Mgmt Support Workers......	70	.16	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers....	40	.09	28.30
22114	Chemical Engineers.................	20	.05	26.82
22121	Civil Engineers, Including Traffic..	30	.07	46.78
22126	Electrical & Electronic Engineers...	20	.05	19.66
22128	Industrial Engineers, Except Safety.	50	.11	12.25
22135	Mechanical Engineers...............	80	.18	14.49
22199	All Other Engineers................	10	.02	n/a
22514	Drafters..........................	190	.43	28.15
22599	All Other Engineering & Related Technicians & Technologists.......	70	.16	n/a
24105	Chemists, Except Biochemists........	80	.18	24.28
24505	Chemical Technicians & Technologists, Except Health......	200	.45	26.08
24599	All Other Physical & Life Science Technicians & Technologists.......	20	.05	n/a
25102	Systems Analysts, E.D.P............	20	.05	26.69
25105	Computer Programmers...............	40	.09	21.95
25108	Computer Programmer Aides...........	10	.02	23.21

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	10	.02	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	60	.14	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	80	.18	14.94
49002	Sales Engineers	10	.02	44.93
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	240	.54	32.04
49008	Other Sales Representatives, Except Retail	820	1.85	12.16
49999	All Other Sales & Related Workers	170	.38	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	140	.32	11.47
55100	Secretaries	970	2.19	n/a
55302	Stenographers	10	.02	31.78
55305	Receptionists & Information Clerks	40	.09	14.27
55308	Typists	30	.07	43.54
55314	Personnel Clerks, Except Payroll & Timekeeping	40	.09	22.08
55321	File Clerks	10	.02	37.19
55323	Order Clerks; Materials, Merchandise, & Service	50	.11	17.52
55326	Procurement Clerks	30	.07	40.52
55338	Bookkeeping, Accounting, & Auditing Clerks	570	1.29	14.80
55341	Payroll & Timekeeping Clerks	90	.20	12.19
55344	Billing, Cost & Rate Clerks	110	.25	13.63
55347	General Office Clerks	530	1.20	15.66
56002	Billing, Posting, & Calculating Machine Operators	10	.02	38.60
56011	Computer Operators, Except Peripheral Equipment	20	.05	29.72
56017	Data Entry Keyers, Except Composing	60	.14	20.50
57102	Switchboard Operators	60	.14	23.43
58005	Dispatchers, Except Police, Fire, & Ambulance	480	1.08	19.20
58008	Production, Planning, & Expediting Clerks	150	.34	10.26
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	50	.11	25.22
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	130	.29	20.37
58028	Traffic, Shipping, & Receiving Clerks	360	.81	14.42

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.05	n/a
59999	All Other Clerical & Administrative Support Workers..................	10	.02	n/a
61000	First Line Supervisors/Managers, Service.........................	40	.09	n/a
63047	Guards & Watch Guards...............	120	.27	24.10
65000	Food & Beverage Preparation & Service Occupations..............	10	.02	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	310	.70	12.67
70000	Agricultural, Forestry, Fishing, & Related Occupations..............	10	.02	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	200	.45	11.90
81008	First Line Supervisors/Managers, Production & Operating Workers....	2,040	4.61	11.83
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	250	.56	13.27
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	150	.34	13.75
83002	Precision Inspectors, Testers, & Graders.........................	70	.16	14.26
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	790	1.78	42.90
85110	Machinery Maintenance Mechanics....	750	1.69	17.32
85126	Refractory Materials Repairers, Except Brick Masons..............	10	.02	32.44
85128	Machinery Maintenance Workers.......	130	.29	31.84
85132	Maintenance Repairers, General Utility..........................	1,190	2.69	11.59
85302	Automotive Mechanics................	210	.47	30.38
85311	Bus & Truck Mechanics, & Diesel Engine Specialists...............	240	.54	24.52
85314	Mobile Heavy Equipment Mechanics, Except Engines..................	80	.18	35.09
85905	Precision Instrument Repairers......	70	.16	19.70
85999	All Other Mechanics, Installers, & Repairers........................	190	.43	n/a
87102	Carpenters..........................	50	.11	38.09
87202	Electricians........................	270	.61	18.55
87402	Painters & Paperhangers, Construction & Maintenance........	20	.05	17.66
87899	All Other Construction Trades Workers.........................	790	1.78	n/a
89102	Tool & Die Makers..................	60	.14	30.03

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89108	Machinists.........................	270	.61	26.25
89199	All Other Precision Metal Workers...	70	.16	n/a
89905	Precision Molders, Shapers, Casters, & Carvers,Except Jewelry & Foundry	830	1.87	44.34
89908	Precision Patternmakers, Model Makers, Layout Workers & Cutters..	20	.05	44.72
89999	All Other Precision Workers.........	110	.25	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	60	.14	21.37
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic.......................	30	.07	13.36
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	220	.50	46.24
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	170	.38	40.30
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	60	.14	13.73
91321	Machine Forming Operators & Tenders, Metal & Plastic.................	400	.90	21.10
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	60	.14	38.53
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	20	.05	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	70	.16	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders........	1,120	2.53	14.68
92941	Cutting & Slicing Machine Setters & Set-Up Operators................	210	.47	41.06
92944	Cutting & Slicing Machine Operators & Tenders.......................	190	.43	17.59
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	210	.47	14.51
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	150	.34	45.81
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders.........................	1,820	4.11	14.40
92968	Extruding, Forming, Pressing, & Compacting Machine Setters & Set-Up Operators..................	700	1.[illegible]	20.90
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders.........................	500	1.13	27.55
92974	Packaging & Filling Machine Operators & Tenders..............	870	1.96	13.22

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92997	All Other Machine Setters & Set-Up Operators	110	.25	n/a
92998	All Other Machine Operators & Tenders	850	1.92	n/a
93914	Welders & Cutters	740	1.67	37.79
93944	Molders & Casters, Hand	480	1.08	34.43
93947	Painting, Coating, & Decorating Workers, Hand	160	.36	39.51
93953	Grinding & Polishing Workers, Hand	310	.70	36.21
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	510	1.15	26.60
93999	All Other Hand Workers	310	.70	n/a
95000	Plant & System Occupations	390	.88	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	6,980	15.76	12.97
97899	All Other Transportation & Related Workers	790	1.78	n/a
97926	Dragline Operators	50	.11	27.66
97938	Grader, Dozer, & Scraper Operators	110	.25	23.18
97944	Crane & Tower Operators	230	.52	44.35
97947	Industrial Truck & Tractor Operators	1,500	3.39	9.54
97951	Conveyer Operators & Tenders	190	.43	22.93
97953	Pump Operators	80	.18	24.24
97999	All Other Material Moving Equipment Operators	200	.45	n/a
98102	Mechanic & Repairer Helpers	140	.32	14.43
98502	Machine Feeders & Offbearers	1,070	2.42	16.02
98700	Freight, Stock, & Material Movers, Hand	750	1.69	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	3,400	7.68	n/a

Table 57
SIC 321
FLAT GLASS

This group includes establishments primarily engaged in manufacturing flat glass. This industry also produces laminated glass, but establishments primarily engaged in manufacturing laminated glass from purchased flat glass are excluded.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	1,220	100.00	n/a
10000	Managerial & Administrative Occupations	40	3.28	n/a
20000	Professional, Paraprofessional, & Technical Occupations	80	6.56	n/a
40000	Sales & Related Occupations	10	.82	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	10	.82	6.74
58000	Material Recording, Scheduling, Dispatching, & Distributing Occupations	20	1.64	n/a
59999	All Other Clerical & Administrative Support Workers	20	1.64	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers	70	5.74	.34
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	30	2.46	n/a
85000	Mechanics, Installers, & Repairers	100	8.19	n/a
92944	Cutting & Slicing Machine Operators & Tenders	80	6.56	n/a
92997	All Other Machine Setters & Set-Up Operators	10	.82	n/a
92998	All Other Machine Operators & Tenders	50	4.10	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators	70	5.74	n/a
95000	Plant & System Occupations	10	.82	n/a
97947	Industrial Truck & Tractor Operators	130	10.65	n/a
98502	Machine Feeders & Offbearers	320	26.23	.62
98999	All Other Helpers, Laborers, & Material Movers, Hand	170	13.93	n/a

Table 58
SIC 324
CEMENT, HYDRAULIC

This group includes establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and pozzolan cements.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,260	100.00	n/a
13002	Financial Managers..................	20	.61	10.81
13011	Marketing, Advertising, & Public Relations Managers................	10	.31	7.65
15014	Industrial Production Managers......	20	.61	8.88
19005	General Managers & Top Executives...	30	.92	7.22
19999	All Other Managers & Administrators.	40	1.23	n/a
21114	Accountants & Auditors..............	20	.61	18.28
21999	All Other Mgmt Support Workers......	20	.61	n/a
22114	Chemical Engineers..................	20	.61	31.01
22135	Mechanical Engineers................	10	.31	22.71
22199	All Other Engineers.................	20	.61	10.77
22500	Engineering & Related Technicians & Technologists..................	10	.31	n/a
24105	Chemists, Except Biochemists........	30	.92	14.06
24505	Chemical Technicians & Technologists, Except Health......	70	2.15	8.93
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.31	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	30	.92	26.50
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	30	.92	32.01
49008	Other Sales Representatives, Except Retail....................	60	1.84	19.36
49999	All Other Sales & Related Workers...	10	.31	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	20	.61	5.19
55100	Secretaries.........................	30	.92	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.23	8.43
55341	Payroll & Timekeeping Clerks........	10	.31	12.09
55344	Billing, Cost & Rate Clerks.........	10	.31	28.08
55347	General Office Clerks...............	30	.92	14.40
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.31	n/a
58005	Dispatchers, Except Police, Fire, & Ambulance......................	20	.61	12.31

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58008	Production, Planning, & Expediting Clerks	40	1.23	6.91
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	20	.61	2.86
58028	Traffic, Shipping, & Receiving Clerks	30	.92	21.85
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.31	n/a
59999	All Other Clerical & Administrative Support Workers	40	1.23	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	10	.31	6.06
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	60	1.84	7.07
81008	First Line Supervisors/Managers, Production & Operating Workers	120	3.68	5.65
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	40	1.23	22.78
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	30	.92	9.29
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	40	1.23	14.43
85110	Machinery Maintenance Mechanics	150	4.60	18.72
85128	Machinery Maintenance Workers	90	2.76	45.43
85132	Maintenance Repairers, General Utility	150	4.60	6.20
85302	Automotive Mechanics	10	.31	20.22
85314	Mobile Heavy Equipment Mechanics, Except Engines	10	.31	39.90
85905	Precision Instrument Repairers	30	.92	27.50
85999	All Other Mechanics, Installers, & Repairers	30	.92	n/a
87202	Electricians	100	3.06	8.46
87899	All Other Construction Trades Workers	10	.31	n/a
89108	Machinists	20	.61	8.81
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	120	3.68	8.46
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	250	7.66	9.72
92974	Packaging & Filling Machine Operators & Tenders	30	.92	4.36
92998	All Other Machine Operators & Tenders	70	2.15	n/a
93914	Welders & Cutters	60	1.84	10.28

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
95099	All Other Plant & System Operators..	20	.61	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	250	7.66	22.29
97199	All Other Motor Vehicle Operators...	10	.31	n/a
97926	Dragline Operators..................	10	.31	36.24
97938	Grader, Dozer, & Scraper Operators..	20	.61	20.48
97944	Crane & Tower Operators............	40	1.23	6.22
97947	Industrial Truck & Tractor Operators	110	3.37	5.17
97951	Conveyer Operators & Tenders........	40	1.23	22.36
97953	Pump Operators......................	70	2.15	20.54
97999	All Other Material Moving Equipment Operators.......................	10	.31	n/a
98502	Machine Feeders & Offbearers........	20	.61	34.58
98700	Freight, Stock, & Material Movers, Hand............................	30	.92	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	430	13.19	n/a

Table 59
SIC 326
POTTERY AND RELATED PRODUCTS

This group includes establishments primarily engaged in manufacturing vitreous china plumbing fixtures and china and earthenware fittings and bathroom accessories; vitreous china table and kitchen articles; fine earthenware (whiteware) table and kitchen articles; porcelain electrical supplies; and pottery products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	2,070	100.00	n/a
19005	General Managers & Top Executives...	30	1.45	5.19
19999	All Other Managers & Administrators.	80	3.87	n/a
20000	Professional, Paraprofessional, & Technical Occupations...........	30	1.45	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	10	.48	24.97
49008	Other Sales Representatives, Except Retail.....................	10	.48	37.25
49999	All Other Sales & Related Workers...	120	5.80	n/a
55100	Secretaries........................	10	.48	n/a
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.48	n/a
58028	Traffic, Shipping, & Receiving Clerks..........................	30	1.45	36.21
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.48	n/a
59999	All Other Clerical & Administrative Support Workers..................	40	1.93	n/a
63000	Protective Service Occupations......	10	.48	n/a
65000	Food & Beverage Preparation & Service Occupations..............	10	.48	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	1.93	14.08
81008	First Line Supervisors/Managers, Production & Operating Workers....	100	4.83	16.60
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	10	.48	2.87
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.48	n/a
83002	Precision Inspectors, Testers, & Graders..........................	30	1.45	2.20
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	50	2.42	26.53
85110	Machinery Maintenance Mechanics....	20	.97	32.36

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85132	Maintenance Repairers, General Utility	20	.97	7.59
85999	All Other Mechanics, Installers, & Repairers	10	.48	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	10	.48	n/a
89905	Precision Molders, Shapers, Casters, & Carvers, Except Jewelry & Foundry	140	6.76	7.38
89999	All Other Precision Workers	100	4.83	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	80	3.87	13.42
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	50	2.42	30.79
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	30	1.45	17.69
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders	140	6.76	42.32
92998	All Other Machine Operators & Tenders	30	1.45	n/a
93944	Molders & Casters, Hand	220	10.63	34.96
93947	Painting, Coating, & Decorating Workers, Hand	100	4.83	17.69
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	20	.97	33.71
93999	All Other Hand Workers	50	2.42	n/a
95000	Plant & System Occupations	10	.48	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	40	1.93	26.92
97199	All Other Motor Vehicle Operators	10	.48	n/a
97947	Industrial Truck & Tractor Operators	30	1.45	18.21
97999	All Other Material Moving Equipment Operators	10	.48	n/a
98700	Freight, Stock, & Material Movers, Hand	30	1.45	n/a
98902	Hand Packers & Packagers	70	3.39	24.29
98999	All Other Helpers, Laborers, & Material Movers, Hand	210	10.15	n/a

Table 60
SIC 329
ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS

This group includes establishments primarily engaged in manufacturing abrasive and asbestos products; gaskets, packing, and sealing devices; minerals and earths, ground or otherwise treated; mineral wool; nonclay refactories; and nonmetallic mineral products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	8.050	100.00	n/a
13002	Financial Managers..................	20	.25	16.17
13005	Personnel, Training, & Labor Relations Managers................	10	.12	9.39
13011	Marketing, Advertising, & Public Relations Managers................	10	.12	10.44
15014	Industrial Production Managers......	30	.37	9.70
19005	General Managers & Top Executives...	220	2.74	8.43
19999	All Other Managers & Administrators.	80	.99	n/a
21114	Accountants & Auditors..............	20	.25	9.94
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.25	11.92
21511	Personnel, Training, & Labor Relations Specialists.............	10	.12	8.30
21999	All Other Mgmt Support Workers......	10	.12	n/a
22128	Industrial Engineers, Except Safety.	30	.37	20.91
22135	Mechanical Engineers................	40	.50	13.13
22199	All Other Engineers.................	20	.25	n/a
22514	Drafters............................	20	.25	32.17
22599	All Other Engineering & Related Technicians & Technologists.......	30	.37	24.98
24105	Chemists, Except Biochemists........	10	.12	25.22
25105	Computer Programmers................	10	.12	45.35
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.37	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	10	.12	15.65
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail.....................	70	.87	14.40
49008	Other Sales Representatives, Except Retail.....................	150	1.87	14.30
49999	All Other Sales & Related Workers...	20	.25	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	30	.37	13.07
55100	Secretaries.........................	160	1.99	n/a
55314	Personnel Clerks, Except Payroll & Timekeeping......................	10	.12	9.82

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55323	Order Clerks; Materials, Merchandise, & Service............	10	.12	15.82
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	120	1.49	13.03
55341	Payroll & Timekeeping Clerks........	10	.12	8.35
55344	Billing, Cost & Rate Clerks.........	30	.37	6.70
55347	General Office Clerks...............	130	1.62	14.48
56017	Data Entry Keyers, Except Composing.	20	.25	12.04
57102	Switchboard Operators...............	10	.12	11.08
58008	Production, Planning, & Expediting Clerks...........................	60	.75	16.37
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping...........	20	.25	29.66
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.25	32.40
58028	Traffic, Shipping, & Receiving Clerks...........................	120	1.49	16.34
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.12	n/a
59999	All Other Clerical & Administrative Support Workers..................	10	.12	n/a
63047	Guards & Watch Guards...............	30	.37	24.99
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	90	1.12	16.70
69999	All Other Service Workers...........	10	.12	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations..............	10	.12	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	30	.37	4.50
81008	First Line Supervisors/Managers, Production & Operating Workers....	360	4.48	6.60
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	30	.37	11.07
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	60	.75	27.06
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.12	n/a
83002	Precision Inspectors, Testers, & Graders.........................	20	.25	17.51
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	80	.99	12.89
85110	Machinery Maintenance Mechanics....	80	.99	15.01
85128	Machinery Maintenance Workers.......	20	.25	43.70
85132	Maintenance Repairers, General Utility.........................	330	4.10	8.97

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85302	Automotive Mechanics	20	.25	8.56
85314	Mobile Heavy Equipment Mechanics, Except Engines	30	.37	24.17
85999	All Other Mechanics, Installers, & Repairers	90	1.12	n/a
87202	Electricians	40	.50	8.83
87899	All Other Construction Trades Workers	50	.62	n/a
89102	Tool & Die Makers	40	.50	25.24
89108	Machinists	170	2.11	36.29
89999	All Other Precision Workers	80	.99	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic	10	.12	12.36
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	60	.75	21.37
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	30	.37	13.36
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	100	1.24	33.73
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	120	1.49	29.00
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	60	.75	13.73
91321	Machine Forming Operators & Tenders, Metal & Plastic	380	4.72	21.91
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	60	.75	38.53
92198	All Other Metal & Plastic Machine Operators & Tenders	30	.37	n/a
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators & Tenders	150	1.87	30.00
92941	Cutting & Slicing Machine Setters & Set-Up Operators	70	.87	37.06
92944	Cutting & Slicing Machine Operators & Tenders	60	.75	40.23
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	100	1.24	10.81
92953	Coating, Painting, & Spraying Machine Operators & Tenders	50	.62	46.98
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	590	7.33	14.44
92968	Extruding, Forming, Pressing, & Compacting Machine Setters & Set-Up Operators	80	.99	37.58

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92971	Extruding, Forming, Pressing, & Compacting Machine Operators & Tenders	140	1.74	27.77
92974	Packaging & Filling Machine Operators & Tenders	370	4.60	9.66
92997	All Other Machine Setters & Set-Up Operators	100	1.24	7.95
92998	All Other Machine Operators & Tenders	70	.87	n/a
93914	Welders & Cutters	40	.50	19.39
93953	Grinding & Polishing Workers, Hand	180	2.24	25.40
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	220	2.74	24.27
93999	All Other Hand Workers	100	1.24	n/a
95000	Plant & System Occupations	20	.25	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	280	3.48	10.19
97199	All Other Motor Vehicle Operators	30	.37	n/a
97947	Industrial Truck & Tractor Operators	250	3.11	11.12
97999	All Other Material Moving Equipment Operators	70	.87	n/a
98102	Mechanic & Repairer Helpers	60	.75	9.86
98502	Machine Feeders & Offbearers	210	2.61	20.55
98700	Freight, Stock, & Material Movers, Hand	190	2.36	n/a
98902	Hand Packers & Packagers	110	1.37	14.78
98999	All Other Helpers, Laborers, & Material Movers, Hand	340	4.23	n/a

Table 61
SIC 33
PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	32,670	100.00	n/a
13002	Financial Managers	120	.37	22.07
13005	Personnel, Training, & Labor Relations Managers	90	.28	12.36
13008	Purchasing Managers	50	.15	17.42
13014	Administrative Services Managers	40	.12	22.84
15014	Industrial Production Managers	240	.74	13.72
19005	General Managers & Top Executives	400	1.23	12.00
19999	All Other Managers & Administrators	400	1.23	n/a
21114	Accountants & Auditors	150	.46	10.36
21117	Budget Analysts	20	.06	21.71
21199	All Other Financial Specialists	20	.06	27.83
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	140	.43	19.28
21511	Personnel, Training, & Labor Relations Specialists	60	.18	20.68
21902	Cost Estimators	50	.15	24.22
21999	All Other Mgmt Support Workers	130	.40	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	100	.31	12.36
22114	Chemical Engineers	50	.15	9.33
22121	Civil Engineers, Including Traffic	20	.06	13.11
22126	Electrical & Electronic Engineers	50	.15	7.26
22128	Industrial Engineers, Except Safety	90	.28	22.82
22132	Safety Engineers, Except Mining	20	.06	8.71
22135	Mechanical Engineers	140	.43	10.35
22199	All Other Engineers	40	.12	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	220	.67	11.16
22508	Industrial Engineering Technicians & Technologists	30	.09	18.98
22511	Mechanical Engineering Technicians & Technologists	30	.09	38.32
22514	Drafters	140	.43	14.44
22599	All Other Engineering & Related Technicians & Technologists	110	.34	n/a
24105	Chemists, Except Biochemists	70	.21	11.34

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24199	All Other Physical Scientists	30	.09	n/a
24505	Chemical Technicians & Technologists, Except Health	90	.28	7.79
24599	All Other Physical & Life Science Technicians & Technologists	20	.06	n/a
25105	Computer Programmers	60	.18	21.57
25108	Computer Programmer Aides	20	.06	28.20
25111	Programmers; Numerical, Tool, & Process Control	10	.03	19.79
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	50	.15	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	160	.49	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	60	.18	23.89
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	240	.74	28.55
49008	Other Sales Representatives, Except Retail	230	.71	29.89
49999	All Other Sales & Related Workers	60	.18	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	180	.55	16.90
55100	Secretaries	520	1.59	n/a
55302	Stenographers	30	.09	23.58
55305	Receptionists & Information Clerks	40	.12	22.70
55308	Typists	100	.31	20.07
55314	Personnel Clerks, Except Payroll & Timekeeping	50	.15	16.36
55321	File Clerks	30	.09	11.17
55323	Order Clerks; Materials, Merchandise, & Service	50	.15	26.61
55326	Procurement Clerks	60	.18	12.47
55338	Bookkeeping, Accounting, & Auditing Clerks	340	1.04	13.69
55341	Payroll & Timekeeping Clerks	70	.21	17.06
55344	Billing, Cost & Rate Clerks	140	.43	33.78
55347	General Office Clerks	310	.95	19.25
56002	Billing, Posting, & Calculating Machine Operators	10	.03	24.16
56011	Computer Operators, Except Peripheral Equipment	40	.12	8.10
56017	Data Entry Keyers, Except Composing	50	.15	12.24
56099	All Other Office Machine Operators	20	.06	n/a
57102	Switchboard Operators	50	.15	18.47
58008	Production, Planning, & Expediting Clerks	220	.67	7.89

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping..........	70	.21	7.57
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	200	.61	12.42
58028	Traffic, Shipping, & Receiving Clerks...........................	400	1.23	21.76
58099	All Other Material Recording, Scheduling, & Distributing Workers	60	.18	n/a
59999	All Other Clerical & Administrative Support Workers..................	100	.31	n/a
61000	First Line Supervisors/Managers, Service..........................	80	.24	n/a
63047	Guards & Watch Guards..............	330	1.01	12.97
65000	Food & Beverage Preparation & Service Occupations..............	30	.09	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	330	1.01	12.42
67099	All Other Cleaning & Building Service Workers, Except Private Households.......................	10	.03	n/a
69999	All Other Service Workers..........	10	.03	n/a
79014	Gardeners & Groundskeepers, Except Farm............................	20	.06	32.25
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	280	.86	5.78
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	90	.28	5.81
81008	First Line Supervisors/Managers, Production & Operating Workers....	1,400	4.29	4.61
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	150	.46	11.27
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand....................	190	.58	13.76
83002	Precision Inspectors, Testers, & Graders..........................	420	1.29	21.42
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	520	1.59	13.26
85110	Machinery Maintenance Mechanics....	880	2.70	n/a
85123	Millwrights........................	510	1.56	9.74
85126	Refractory Materials Repairers, Except Brick Masons..............	130	.40	8.05
85128	Machinery Maintenance Workers.......	60	.18	9.26
85132	Maintenance Repairers, General Utility..........................	680	2.08	11.72
85302	Automotive Mechanics...............	110	.34	23.41

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85311	Bus & Truck Mechanics, & Diesel Engine Specialists................	70	.21	33.04
85905	Precision Instrument Repairers......	150	.46	16.17
85999	All Other Mechanics, Installers, & Repairers........................	250	.77	n/a
87102	Carpenters..........................	70	.21	10.92
87202	Electricians........................	450	1.38	6.79
87302	Brick Masons........................	100	.31	12.40
87402	Painters & Paperhangers, Construction & Maintenance........	100	.31	15.45
87502	Plumbers,Pipefitters, & Steamfitters	310	.95	9.72
87899	All Other Construction Trades Workers..........................	50	.15	n/a
87900	Extractive & Related Workers, Including Blasters................	40	.12	n/a
89102	Tool & Die Makers..................	70	.21	19.00
89108	Machinists.........................	660	2.02	13.71
89114	Pattern & Model Makers, Metal.......	90	.28	25.34
89132	Sheet Metal Workers................	90	.28	13.79
89199	All Other Precision Metal Workers...	280	.86	n/a
89302	Pattern & Model Makers, Wood........	100	.31	28.75
89399	All Other Precision Woodworkers.....	10	.03	n/a
89902	Precision Foundry Mold & Core Makers	890	2.73	15.76
89999	All Other Precision Workers.........	90	.28	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic........	70	.21	27.82
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	210	.64	36.73
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	90	.28	27.23
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	310	.95	29.63
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	170	.52	22.68
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic........................	200	.61	40.16
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	170	.52	22.68
91311	Extruding & Drawing Machine Setters & Set-Up Operators,Metal & Plastic	660	2.02	22.21
91314	Rolling Machine Setters & Set-Up Operators, Metal & Plastic........	230	.71	42.53
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	230	.71	32.45

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic	130	.40	25.30
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic	60	.18	16.06
91508	Combination Machine Tool Operators & Tenders, Metal & Plastic	50	.15	37.10
91908	Metal Molding Coremaking & Casting Machine Setters & Set-Up Operators	520	1.59	18.63
91911	Metal Molding, Coremaking, & Casting Machine Operators & Tenders	260	.80	16.64
91914	Foundry Mold Assembly & Shakeout Workers	390	1.19	14.34
91928	Heating Equipment Setters & Set-Up Operators, Metal & Plastic	170	.52	18.79
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic	300	.92	28.13
91935	Furnace Operators & Tenders	980	3.00	16.01
91938	Heaters, Metal & Plastic	190	.58	11.26
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	430	1.32	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	390	1.19	n/a
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders	90	.28	19.36
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders	190	.58	11.99
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	130	.40	11.82
92974	Packaging & Filling Machine Operators & Tenders	50	.15	41.74
92997	All Other Machine Setters & Set-Up Operators	350	1.07	n/a
92998	All Other Machine Operators & Tenders	210	.64	n/a
93914	Welders & Cutters	810	2.48	23.19
93941	Metal Pourers & Casters, Basic Shape	390	1.19	14.74
93953	Grinding & Polishing Workers, Hand	440	1.35	16.22
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	860	2.63	20.10
93999	All Other Hand Workers	390	1.19	n/a
95028	Power Distributors & Dispatchers	40	.12	15.17
95099	All Other Plant & System Operators	90	.28	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	540	1.65	16.54

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	90	.28	20.37
97199	All Other Motor Vehicle Operators...	80	.24	n/a
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers..................	50	.15	16.59
97317	Railroad Brake, Signal & Switch Operators........................	30	.09	23.76
97899	All Other Transportation & Related Workers.........................	10	.03	n/a
97938	Grader, Dozer, & Scraper Operators..	50	.15	9.86
97944	Crane & Tower Operators.............	550	1.69	16.87
97947	Industrial Truck & Tractor Operators	520	1.59	10.96
97951	Conveyer Operators & Tenders........	160	.49	9.81
97953	Pump Operators......................	20	.06	26.10
97999	All Other Material Moving Equipment Operators........................	50	.15	n/a
98102	Mechanic & Repairer Helpers.........	120	.37	13.43
98300	Construction Trades & Extractive Worker Helpers...................	100	.31	n/a
98700	Freight, Stock, & Material Movers, Hand............................	760	2.33	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	2,000	6.12	n/a

Table 62
SIC 331
BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS

This group includes blast furnaces (including coke ovens), steel works, and rolling mills. This industry also includes the manufacturing of electrometallurgical products; steel wire drawing and steel nails and spikes; cold rolled steel sheet, strip, and bars; and steel pipe and tubes.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT...................	12,670	100.00	n/a
13002	Financial Managers..................	70	.55	37.96
13005	Personnel, Training, & Labor Relations Managers...............	50	.39	19.55
13008	Purchasing Managers.................	30	.24	25.97
13014	Administrative Services Managers....	20	.16	31.92
15014	Industrial Production Managers......	100	.79	15.11
19005	General Managers & Top Executives...	100	.79	25.22
19999	All Other Managers & Administrators.	250	1.97	n/a
21114	Accountants & Auditors..............	50	.39	20.48
21117	Budget Analysts.....................	20	.16	29.27
21199	All Other Financial Specialists.....	10	.08	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	60	.47	44.37
21902	Cost Estimators.....................	30	.24	31.77
21999	All Other Mgmt Support Workers......	60	.47	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers....	30	.24	21.74
22126	Electrical & Electronic Engineers...	10	.08	10.00
22128	Industrial Engineers, Except Safety.	20	.16	23.03
22135	Mechanical Engineers...............	40	.32	30.75
22199	All Other Engineers................	20	.16	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	20	.16	27.66
22508	Industrial Engineering Technicians & Technologists.....................	10	.08	17.99
22514	Drafters...........................	70	.55	23.23
22599	All Other Engineering & Related Technicians & Technologists.......	50	.39	n/a
24105	Chemists, Except Biochemists........	10	.08	37.60
24505	Chemical Technicians & Technologists, Except Health......	10	.08	16.54
25105	Computer Programmers...............	30	.24	42.03
25108	Computer Programmer Aides...........	20	.16	44.66
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations.....................	10	.08	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	90	.71	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
40000	Sales & Related Occupations.........	220	1.74	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	80	.63	34.99
55100	Secretaries........................	190	1.50	n/a
55305	Receptionists & Information Clerks..	10	.08	17.44
55314	Personnel Clerks, Except Payroll & Timekeeping......................	20	.16	27.72
55321	File Clerks........................	10	.08	15.23
55326	Procurement Clerks.................	20	.16	34.73
55338	Bookkeeping, Accounting, & Auditing Clerks............................	130	1.03	23.86
55341	Payroll & Timekeeping Clerks........	20	.16	44.92
55347	General Office Clerks..............	170	1.34	31.99
56011	Computer Operators, Except Peripheral Equipment.............	20	.16	12.35
56017	Data Entry Keyers, Except Composing.	10	.08	10.63
56099	All Other Office Machine Operators..	10	.08	n/a
57102	Switchboard Operators..............	20	.16	34.52
58008	Production, Planning, & Expediting Clerks..........................	100	.79	14.57
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping...........	10	.08	18.02
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	70	.55	18.24
58099	All Other Material Recording, Scheduling, & Distributing Workers	150	1.18	n/a
59999	All Other Clerical & Administrative Support Workers..................	160	1.26	n/a
61000	First Line Supervisors/Managers, Service..........................	60	.47	37.92
63047	Guards & Watch Guards..............	120	.95	23.31
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	120	.95	22.19
69999	All Other Service Workers...........	10	.08	n/a
79014	Gardeners & Groundskeepers, Except Farm............................	10	.08	44.00
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	130	1.03	9.97
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	30	.24	13.01
81008	First Line Supervisors/Managers, Production & Operating Workers....	480	3.79	11.29
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	50	.39	21.62

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	90	.71	15.85
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	240	1.89	20.88
83099	All Other Inspectors, Testers, & Related Occupations	150	1.18	n/a
85110	Machinery Maintenance Mechanics	170	1.34	21.37
85123	Millwrights	470	3.71	10.35
85126	Refractory Materials Repairers, Except Brick Masons	110	.87	8.23
85128	Machinery Maintenance Workers	10	.08	24.72
85132	Maintenance Repairers, General Utility	260	2.05	25.18
85302	Automotive Mechanics	30	.24	28.00
85311	Bus & Truck Mechanics, & Diesel Engine Specialists	60	.47	38.16
85905	Precision Instrument Repairers	120	.95	20.68
85999	All Other Mechanics, Installers, & Repairers	190	1.50	n/a
87102	Carpenters	20	.16	11.88
87202	Electricians	230	1.82	10.26
87402	Painters & Paperhangers, Construction & Maintenance	50	.39	27.79
87502	Plumbers,Pipefitters, & Steamfitters	80	.63	23.48
87899	All Other Construction Trades Workers	60	.47	n/a
89108	Machinists	180	1.42	26.28
89199	All Other Precision Metal Workers	50	.39	n/a
89300	Precision Woodworkers	10	.08	n/a
89902	Precision Foundry Mold & Core Makers	70	.55	18.88
89999	All Other Precision Workers	30	.24	n/a
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	30	.24	42.53
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	170	1.34	22.95
91314	Rolling Machine Setters & Set-Up Operators, Metal & Plastic	200	1.58	48.33
91321	Machine Forming Operators & Tenders, Metal & Plastic	170	1.34	43.36
91705	Welding Machine Operators & Tenders.	30	.24	47.72
91908	Metal Molding Coremaking & Casting Machine Setters & Set-Up Operators	120	.95	18.09
91928	Heating Equipment Setters & Set-Up Operators, Metal & Plastic	90	.71	32.77
91935	Furnace Operators & Tenders	500	3.95	30.07
91938	Heaters, Metal & Plastic	100	.79	11.52

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	610	4.81	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	530	4.18	n/a
92997	All Other Machine Setters & Set-Up Operators........................	110	.87	n/a
92998	All Other Machine Operators & Tenders..........................	100	.79	n/a
93914	Welders & Cutters..................	510	4.02	35.34
93941	Metal Pourers & Casters, Basic Shape	110	.87	13.76
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	420	3.31	24.99
93999	All Other Hand Workers.............	130	1.03	n/a
95000	Plant & System Occupations..........	50	.39	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	160	1.26	41.09
97199	All Other Motor Vehicle Operators...	30	.24	n/a
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers.................	40	.32	19.53
97317	Railroad Brake, Signal & Switch Operators........................	30	.24	25.39
97899	All Other Transportation & Related Workers..........................	10	.08	n/a
97944	Crane & Tower Operators.............	390	3.07	22.09
97947	Industrial Truck & Tractor Operators	150	1.18	31.76
97951	Conveyer Operators & Tenders........	60	.47	19.23
97999	All Other Material Moving Equipment Operators........................	30	.24	36.72
98102	Mechanic & Repairer Helpers.........	80	.63	18.75
98300	Construction Trades & Extractive Worker Helpers...................	70	.55	n/a
98700	Freight, Stock, & Material Movers, Hand.............................	350	2.76	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	890	7.02	n/a

Table 63
SIC 332
IRON AND STEEL FOUNDRIES

This group includes establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipes and fittings; malleable iron castings; steel investment castings; and steel castings, not elsewhere classified. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	7,560	100.00	n/a
13002	Financial Managers	20	.26	33.17
13005	Personnel, Training, & Labor Relations Managers	10	.13	36.49
13008	Purchasing Managers	10	.13	43.28
13011	Marketing, Advertising, & Public Relations Managers	20	.26	38.58
15014	Industrial Production Managers	70	.93	41.85
19005	General Managers & Top Executives	100	1.33	39.22
19999	All Other Managers & Administrators	60	.79	n/a
21114	Accountants & Auditors	30	.40	24.71
21199	All Other Financial Specialists	10	.13	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	20	.26	46.29
21511	Personnel, Training, & Labor Relations Specialists	20	.26	19.82
21999	All Other Mgmt Support Workers	20	.26	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	20	.26	35.98
22128	Industrial Engineers, Except Safety	50	.66	40.65
22135	Mechanical Engineers	30	.40	14.46
22199	All Other Engineers	10	.13	n/a
22508	Industrial Engineering Technicians & Technologists	20	.26	39.55
22514	Drafters	20	.26	4.95
22599	All Other Engineering & Related Technicians & Technologists	50	.66	n/a
24105	Chemists, Except Biochemists	10	.13	9.74
24500	Physical & Life Science Technicians & Technologists	20	.26	n/a
25108	Computer Programmer Aides	10	.13	13.93
39999	All Other Professional, Paraprofessional, & Technical Workers	40	.53	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	50	.66	28.87
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	70	.93	27.81

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49008	Other Sales Representatives, Except Retail.....................	50	.66	33.18
49999	All Other Sales & Related Workers...	30	.40	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	40	.53	21.39
55100	Secretaries.........................	160	2.12	n/a
55305	Receptionists & Information Clerks..	20	.26	38.61
55314	Personnel Clerks, Except Payroll & Timekeeping......................	10	.13	37.27
55326	Procurement Clerks..................	20	.26	18.60
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	100	1.33	33.83
55341	Payroll & Timekeeping Clerks........	20	.26	29.29
55344	Billing, Cost & Rate Clerks.........	20	.26	37.69
56011	Computer Operators, Except Peripheral Equipment.............	10	.13	17.60
56017	Data Entry Keyers, Except Composing.	30	.40	25.26
56099	All Other Office Machine Operators..	10	.13	n/a
57102	Switchboard Operators...............	10	.13	41.27
58008	Production, Planning, & Expediting Clerks..........................	30	.40	20.13
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	70	.93	32.76
58099	All Other Material Recording, Scheduling, & Distributing Workers	90	1.19	n/a
59999	All Other Clerical & Administrative Support Workers..................	110	1.46	n/a
63047	Guards & Watch Guards...............	90	1.19	34.79
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	80	1.06	40.15
69999	All Other Service Workers...........	30	.40	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations..............	10	.13	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	50	.66	16.18
81008	First Line Supervisors/Managers, Production & Operating Workers....	310	4.10	9.69
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	50	.66	24.05
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	30	.40	n/a
83002	Precision Inspectors, Testers, & Graders..........................	100	1.33	42.70
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	110	1.46	38.75

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85110	Machinery Maintenance Mechanics....	190	2.51	40.75
85126	Refractory Materials Repairers, Except Brick Masons...............	20	.26	24.24
85132	Maintenance Repairers, General Utility.........................	110	1.46	24.91
85999	All Other Mechanics, Installers, & Repairers........................	160	2.12	n/a
87202	Electricians........................	90	1.19	13.91
87899	All Other Construction Trades Workers..........................	50	.66	n/a
89102	Tool & Die Makers..................	10	.13	37.50
89108	Machinists.........................	250	3.31	29.62
89114	Pattern & Model Makers, Metal.......	70	.93	33.49
89117	Precision Layout Workers, Metal.....	20	.26	32.20
89199	All Other Precision Metal Workers...	130	1.72	n/a
89302	Pattern & Model Makers, Wood........	90	1.19	32.65
89902	Precision Foundry Mold & Core Makers	620	8.20	22.63
89999	All Other Precision Workers.........	60	.79	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic.........................	40	.53	31.18
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	200	2.65	45.17
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	80	1.06	47.84
91908	Metal Molding Coremaking & Casting Machine Setters & Set-Up Operators	220	2.91	41.99
91911	Metal Molding, Coremaking, & Casting Machine Operators & Tenders.......	110	1.46	33.31
91914	Foundry Mold Assembly & Shakeout Workers..........................	180	2.38	21.96
91935	Furnace Operators & Tenders.........	170	2.25	21.70
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	180	2.38	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	100	1.33	n/a
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	40	.53	45.01
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	30	.40	49.33
92997	All Other Machine Setters & Set-Up Operators........................	40	.53	n/a
92998	All Other Machine Operators & Tenders..........................	10	.13	n/a
93914	Welders & Cutters..................	110	1.46	40.89
93941	Metal Pourers & Casters, Basic Shape	190	2.51	28.81
93953	Grinding & Polishing Workers, Hand..	310	4.10	21.35

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	40	.53	36.90
93999	All Other Hand Workers	110	1.46	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	230	3.04	26.19
97105	Truck Drivers, Light, Including Delivery & Route Workers	50	.66	32.49
97199	All Other Motor Vehicle Operators	70	.93	n/a
97944	Crane & Tower Operators	80	1.06	42.30
97947	Industrial Truck & Tractor Operators	180	2.38	11.64
97999	All Other Material Moving Equipment Operators	10	.13	n/a
98700	Freight, Stock, & Material Movers, Hand	250	3.31	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	180	2.38	n/a

Table 64
SIC 333
PRIMARY SMELTING AND REFINING OF NONFERROUS METALS

This group includes establishments primarily engaged in smelting and refining copper; lead; zinc; aluminum; and nonferrous metals, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	5,850	100.00	n/a
13002	Financial Managers	20	.34	7.04
13005	Personnel, Training, & Labor Relations Managers	10	.17	9.09
15014	Industrial Production Managers	40	.69	3.20
19005	General Managers & Top Executives	20	.34	7.27
19999	All Other Managers & Administrators.	80	1.37	n/a
21114	Accountants & Auditors	30	.51	5.14
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.17	6.45
21511	Personnel, Training, & Labor Relations Specialists	20	.34	7.97
21999	All Other Mgmt Support Workers	70	1.20	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	20	.34	18.76
22114	Chemical Engineers	50	.85	9.46
22126	Electrical & Electronic Engineers	30	.51	9.90
22135	Mechanical Engineers	40	.69	7.43
22199	All Other Engineers	40	.69	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	190	3.25	12.65
22514	Drafters	20	.34	4.63
22599	All Other Engineering & Related Technicians & Technologists	20	.34	n/a
24105	Chemists, Except Biochemists	30	.51	15.87
24199	All Other Physical Scientists	10	.17	n/a
24505	Chemical Technicians & Technologists, Except Health	70	1.20	10.49
24599	All Other Physical & Life Science Technicians & Technologists	10	.17	n/a
25102	Systems Analysts, E.D.P.	10	.17	13.96
25105	Computer Programmers	10	.17	16.91
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	30	.51	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	20	.34	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	40	.69	4.81
55100	Secretaries	60	1.03	7.12

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55302	Stenographers	10	.17	7.00
55308	Typists	50	.85	12.40
55326	Procurement Clerks	10	.17	8.20
55338	Bookkeeping, Accounting, & Auditing Clerks	40	.69	19.24
55341	Payroll & Timekeeping Clerks	10	.17	7.17
55344	Billing, Cost & Rate Clerks	20	.34	10.25
55347	General Office Clerks	20	.34	14.34
56000	Electronic Data Processing & Other Office Machine Occupations	20	.34	n/a
58008	Production, Planning, & Expediting Clerks	50	.85	10.53
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	50	.85	6.10
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	50	.85	2.46
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.17	n/a
59999	All Other Clerical & Administrative Support Workers	80	1.37	n/a
63047	Guards & Watch Guards	90	1.54	10.77
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	60	1.03	9.63
69999	All Other Service Workers	10	.17	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	80	1.37	6.14
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	50	.85	6.46
81008	First Line Supervisors/Managers, Production & Operating Workers	250	4.27	4.43
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	40	.69	5.91
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	60	1.03	11.69
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	60	1.03	26.13
85110	Machinery Maintenance Mechanics	470	8.04	9.78
85128	Machinery Maintenance Workers	20	.34	13.24
85132	Maintenance Repairers, General Utility	50	.85	23.39
85905	Precision Instrument Repairers	20	.34	9.38
85999	All Other Mechanics, Installers, & Repairers	20	.34	n/a
87102	Carpenters	40	.69	6.13
87202	Electricians	90	1.54	14.54

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
87302	Brick Masons	40	.69	7.96
87402	Painters & Paperhangers, Construction & Maintenance	50	.85	10.40
87502	Plumbers,Pipefitters, & Steamfitters	230	3.93	10.27
87899	All Other Construction Trades Workers	30	.51	n/a
87900	Extractive & Related Workers, Including Blasters	40	.69	n/a
89108	Machinists	140	2.39	9.88
89132	Sheet Metal Workers	50	.85	13.99
89999	All Other Precision Workers	40	.69	n/a
91935	Furnace Operators & Tenders	180	3.08	11.97
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	150	2.56	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	230	3.93	n/a
92962	Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators & Tenders	180	3.08	12.71
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	30	.51	6.53
92997	All Other Machine Setters & Set-Up Operators	30	.51	n/a
92998	All Other Machine Operators & Tenders	120	2.05	n/a
93914	Welders & Cutters	140	2.39	13.98
93999	All Other Hand Workers	100	1.71	n/a
95028	Power Distributors & Dispatchers	20	.34	17.13
95099	All Other Plant & System Operators	50	.85	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	40	.69	10.45
97938	Grader, Dozer, & Scraper Operators	50	.85	10.33
97944	Crane & Tower Operators	60	1.03	14.36
97947	Industrial Truck & Tractor Operators	110	1.88	17.12
97951	Conveyer Operators & Tenders	100	1.71	10.73
97999	All Other Material Moving Equipment Operators	40	.69	n/a
98102	Mechanic & Repairer Helpers	20	.34	9.64
98999	All Other Helpers, Laborers, & Material Movers, Hand	750	12.82	n/a

Table 65
SIC 335
ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METALS

This group includes establishments primarily engaged in rolling, drawing, or extruding of copper, aluminum, or other nonferrous metals. Also included are establishments engaged in drawing and insulating wire and cable of nonferrous metals.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,510	100.00	n/a
13002	Financial Managers..................	10	.28	8.11
13005	Personnel, Training, & Labor Relations Managers................	10	.28	28.47
15014	Industrial Production Managers......	20	.57	20.37
19005	General Managers & Top Executives...	70	2.00	22.17
19999	All Other Managers & Administrators.	50	1.42	n/a
21114	Accountants & Auditors..............	20	.57	40.00
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.57	18.08
21999	All Other Mgmt Support Workers......	10	.28	n/a
22128	Industrial Engineers, Except Safety.	10	.28	9.35
22135	Mechanical Engineers................	30	.86	10.15
22199	All Other Engineers.................	20	.57	n/a
22514	Drafters............................	30	.86	45.05
22599	All Other Engineering & Related Technicians & Technologists.......	30	.86	n/a
24100	Physical Scientists.................	10	.28	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.28	n/a
49008	Other Sales Representatives, Except Retail......................	30	.86	33.81
49999	All Other Sales & Related Workers...	50	1.42	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	20	.57	20.45
55100	Secretaries.........................	40	1.14	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	30	.86	39.46
55347	General Office Clerks...............	50	1.42	37.44
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.28	n/a
58008	Production, Planning, & Expediting Clerks...........................	30	.86	11.15
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	.57	13.43
58028	Traffic, Shipping, & Receiving Clerks...........................	140	3.99	32.16

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.28	n/a
59999	All Other Clerical & Administrative Support Workers..................	50	1.42	n/a
63047	Guards & Watch Guards...............	20	.57	23.46
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	40	1.14	16.18
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.57	16.99
81008	First Line Supervisors/Managers, Production & Operating Workers....	150	4.28	7.98
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	20	.57	10.07
83002	Precision Inspectors, Testers, & Graders..........................	50	1.42	32.39
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	60	1.71	19.64
85110	Machinery Maintenance Mechanics....	10	.28	35.94
85128	Machinery Maintenance Workers.......	20	.57	12.94
85132	Maintenance Repairers, General Utility..........................	160	4.56	20.30
85999	All Other Mechanics, Installers, & Repairers.......................	50	1.42	n/a
87202	Electricians.......................	30	.86	22.71
89102	Tool & Die Makers..................	30	.86	34.01
89108	Machinists.........................	40	1.14	31.71
89199	All Other Precision Metal Workers...	20	.57	n/a
91311	Extruding & Drawing Machine Setters & Set-Up Operators,Metal & Plastic	450	12.82	23.77
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	270	7.69	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	220	6.27	n/a
92997	All Other Machine Setters & Set-Up Operators........................	150	4.28	n/a
92998	All Other Machine Operators & Tenders.........................	50	1.42	n/a
93914	Welders & Cutters..................	20	.57	45.01
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	290	8.26	47.45
93999	All Other Hand Workers.............	100	2.85	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	70	2.00	21.41
97947	Industrial Truck & Tractor Operators	40	1.14	27.42

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97999	All Other Material Moving Equipment Operators........................	20	.57	n/a
98700	Freight, Stock, & Material Movers, Hand..............................	100	2.85	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	180	5.13	n/a

Table 66
SIC 336
NONFERROUS FOUNDRIES (CASTINGS)

This group includes establishments primarily engaged in manufacturing castings and die castings of aluminum, brass, bronze and other nonferrous metals and alloys. These establishments generally operate on a job or order basis, manufacturing castings for sale to others for interplant transfer.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,210	100.00	n/a
19005	General Managers & Top Executives	60	2.72	5.14
19999	All Other Managers & Administrators	30	1.36	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	20	.90	9.57
21999	All Other Mgmt Support Workers	10	.45	n/a
22100	Engineers	10	.45	n/a
22500	Engineering & Related Technicians & Technologists	20	.90	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	30	1.36	n/a
40000	Sales & Related Occupations	30	1.36	n/a
55100	Secretaries	50	2.27	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	30	1.36	6.51
55347	General Office Clerks	20	.90	9.96
58028	Traffic, Shipping, & Receiving Clerks	40	1.81	11.44
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.45	n/a
59999	All Other Clerical & Administrative Support Workers	20	.90	n/a
63000	Protective Service Occupations	10	.45	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	20	.90	9.16
81008	First Line Supervisors/Managers, Production & Operating Workers	140	6.34	2.23
83002	Precision Inspectors, Testers, & Graders	100	4.53	4.91
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	40	1.81	10.95
85110	Machinery Maintenance Mechanics	20	.90	.70
85132	Maintenance Repairers, General Utility	50	2.27	7.42
87000	Construction Trades & Extractive Occupations, Except Material Moving	10	.45	n/a
89102	Tool & Die Makers	20	.90	17.41

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89108	Machinists........................	40	1.81	9.71
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	70	3.17	12.94
89114	Pattern & Model Makers, Metal.......	20	.90	16.10
89199	All Other Precision Metal Workers...	10	.45	n/a
89300	Precision Woodworkers..............	10	.45	n/a
89902	Precision Foundry Mold & Core Makers	210	9.51	6.36
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic.........................	20	.90	22.06
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	80	3.62	14.06
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	60	2.72	9.29
91508	Combination Machine Tool Operators & Tenders, Metal & Plastic..........	30	1.36	33.20
91908	Metal Molding Coremaking & Casting Machine Setters & Set-Up Operators	140	6.34	11.72
91911	Metal Molding, Coremaking, & Casting Machine Operators & Tenders.......	120	5.43	14.43
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic..................	20	.90	4.14
91935	Furnace Operators & Tenders.........	70	3.17	7.14
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	40	1.81	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	20	.90	n/a
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders.........................	70	3.17	11.98
92997	All Other Machine Setters & Set-Up Operators.......................	20	.90	n/a
92998	All Other Machine Operators & Tenders..........................	10	.45	n/a
93914	Welders & Cutters..................	20	.90	10.66
93941	Metal Pourers & Casters, Basic Shape	80	3.62	8.50
93953	Grinding & Polishing Workers, Hand..	70	3.17	3.72
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision.....................	110	4.99	18.42
97947	Industrial Truck & Tractor Operators	10	.45	16.91
97999	All Other Material Moving Equipment Operators.......................	10	.45	n/a
98700	Freight, Stock, & Material Movers, Hand............................	10	.45	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	50	2.27	n/a

Table 67
SIC 34
FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal forgings, metal stampings, ordnance (except vehicles and guided missiles), and a variety of metal and wire products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	79,910	100.00	n/a
13002	Financial Managers	410	.51	35.07
13005	Personnel, Training, & Labor Relations Managers	190	.24	22.75
13008	Purchasing Managers	100	.13	35.55
13011	Marketing, Advertising, & Public Relations Managers	320	.40	25.74
13014	Administrative Services Managers	140	.18	36.27
15014	Industrial Production Managers	350	.44	22.59
19005	General Managers & Top Executives	2,820	3.53	13.57
19999	All Other Managers & Administrators	380	.47	n/a
21114	Accountants & Auditors	700	.87	25.59
21199	All Other Financial Specialists	90	.11	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	260	.32	21.44
21511	Personnel, Training, & Labor Relations Specialists	60	.08	18.65
21902	Cost Estimators	200	.25	48.35
21999	All Other Mgmt Support Workers	140	.18	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	30	.04	16.67
22114	Chemical Engineers	20	.03	8.05
22126	Electrical & Electronic Engineers	40	.05	12.32
22128	Industrial Engineers, Except Safety	140	.18	21.75
22132	Safety Engineers, Except Mining	50	.06	15.46
22135	Mechanical Engineers	1,100	1.38	25.90
22199	All Other Engineers	200	.25	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	20	.03	17.65
22508	Industrial Engineering Technicians & Technologists	110	.14	6.82
22511	Mechanical Engineering Technicians & Technologists	50	.06	46.39
22514	Drafters	1,090	1.36	27.25
22599	All Other Engineering & Related Technicians & Technologists	110	.14	n/a
24105	Chemists, Except Biochemists	30	.04	11.94

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24199	All Other Physical Scientists.......	30	.04	n/a
24505	Chemical Technicians & Technologists, Except Health......	110	.14	7.17
24599	All Other Physical & Life Science Technicians & Technologists.......	10	.01	n/a
25102	Systems Analysts, E.D.P............	70	.09	18.16
25105	Computer Programmers................	100	.13	41.85
25111	Programmers; Numerical, Tool, & Process Control..................	50	.06	12.46
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations......................	40	.05	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	130	.16	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	140	.18	45.39
49002	Sales Engineers....................	50	.06	21.84
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	1,080	1.35	37.44
49008	Other Sales Representatives, Except Retail....................	1,380	1.73	28.11
49999	All Other Sales & Related Workers...	130	.16	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	300	.37	18.97
55100	Secretaries........................	1,960	2.45	n/a
55302	Stenographers......................	60	.08	10.63
55305	Receptionists & Information Clerks..	120	.15	38.32
55308	Typists............................	40	.05	33.69
55311	Typists, Word Processing Equipment..	30	.04	19.78
55314	Personnel Clerks, Except Payroll & Timekeeping......................	80	.10	21.36
55323	Order Clerks; Materials, Merchandise, & Service............	140	.18	23.81
55326	Procurement Clerks.................	90	.11	45.52
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	1,350	1.69	17.16
55341	Payroll & Timekeeping Clerks........	190	.24	34.30
55344	Billing, Cost & Rate Clerks.........	170	.21	23.09
55347	General Office Clerks..............	1,110	1.39	16.52
56011	Computer Operators, Except Peripheral Equipment..............	130	.16	28.07
56017	Data Entry Keyers, Except Composing.	100	.13	39.66
56099	All Other Office Machine Operators..	50	.06	n/a
57102	Switchboard Operators..............	80	.10	34.57
58008	Production, Planning, & Expediting Clerks..........................	450	.56	22.14

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping...........	40	.05	49.09
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	350	.44	25.43
58028	Traffic, Shipping, & Receiving Clerks..........................	480	.60	42.42
58099	All Other Material Recording, Scheduling, & Distributing Workers	190	.24	n/a
59999	All Other Clerical & Administrative Support Workers..................	120	.15	n/a
61000	First Line Supervisors/Managers, Service.........................	100	.13	n/a
63047	Guards & Watch Guards...............	370	.46	7.17
65000	Food & Beverage Preparation & Service Occupations...............	40	.05	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	700	.87	15.05
67099	All Other Cleaning & Building Service Workers, Except Private Households.........................	30	.04	n/a
69999	All Other Service Workers...........	120	.15	n/a
79014	Gardeners & Groundskeepers, Except Farm............................	70	.09	29.01
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	270	.34	23.76
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers..........................	40	.05	34.45
81008	First Line Supervisors/Managers, Production & Operating Workers....	3,820	4.78	7.01
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	110	.14	18.04
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand....................	140	.18	38.26
83002	Precision Inspectors, Testers, & Graders..........................	460	.57	15.66
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	1,400	1.75	14.35
85110	Machinery Maintenance Mechanics....	1,050	1.31	n/a
85123	Millwrights.........................	190	.24	9.56
85128	Machinery Maintenance Workers.......	170	.21	19.65
85132	Maintenance Repairers, General Utility.........................	980	1.22	16.02
85302	Automotive Mechanics...............	50	.06	37.59

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	30	.04	14.20
85999	All Other Mechanics, Installers, & Repairers	260	.32	n/a
87202	Electricians	300	.37	27.33
87899	All Other Construction Trades Workers	340	.42	n/a
89102	Tool & Die Makers	590	.74	19.74
89108	Machinists	1,320	1.65	24.20
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	420	.53	36.90
89999	All Other Precision Workers	4,130	5.17	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic	290	.36	28.55
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	1,200	1.50	15.68
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	370	.46	22.22
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	170	.21	10.72
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	580	.72	33.25
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	1,020	1.28	29.93
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	990	1.24	42.25
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	1,090	1.36	43.17
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic	210	.26	19.48
91321	Machine Forming Operators & Tenders, Metal & Plastic	2,640	3.30	46.32
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic	380	.47	12.64
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	320	.40	28.51
91508	Combination Machine Tool Operators & Tenders, Metal & Plastic	410	.51	47.54
91702	Welding Machine Setters & Set-Up Operators	1,720	2.15	37.12
91705	Welding Machine Operators & Tenders.	2,210	2.77	41.10
91708	Soldering & Brazing Machine Setters & Set-Up Operators	90	.11	39.22

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91714	Metal Fabricators, Structural Metal Products	2,080	2.60	42.98
91911	Metal Molding, Coremaking, & Casting Machine Operators & Tenders	170	.21	23.41
91917	Electrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic	340	.42	20.67
91921	Electrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic	560	.70	15.54
91923	Nonelectrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic	440	.55	35.30
91926	Nonelectrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic	140	.18	32.49
91928	Heating Equipment Setters & Set-Up Operators, Metal & Plastic	20	.03	26.58
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic	60	.08	12.25
91935	Furnace Operators & Tenders	110	.14	41.74
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	1,080	1.35	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	420	.53	n/a
92510	Printing Press Machine Setters & Set-Up Operators	20	.03	16.56
92529	All Other Printing Related Setters & Set-Up Operators	70	.09	n/a
92543	Printing Press Machine Operators & Tenders	20	.03	2.28
92926	Boiler Operators & Tenders, Low Pressure	30	.04	14.69
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	470	.59	33.16
92953	Coating, Painting, & Spraying Machine Operators & Tenders	1,020	1.28	33.86
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders	30	.04	19.18
92974	Packaging & Filling Machine Operators & Tenders	210	.26	24.63
92997	All Other Machine Setters & Set-Up Operators	230	.29	n/a
92998	All Other Machine Operators & Tenders	150	.19	n/a
93108	Fitters, Structural Metal, Precision	2,160	2.70	31.46
93197	All Other Precision Assemblers,Metal	400	.50	n/a
93917	Solderers & Brazers	40	.05	27.32

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
93953	Grinding & Polishing Workers, Hand..	840	1.05	41.66
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	7,790	9.75	22.39
93999	All Other Hand Workers.............	2,500	3.13	n/a
95032	Stationary Engineers...............	10	.01	18.73
95099	All Other Plant & System Operators..	40	.05	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	550	.69	39.77
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	260	.32	31.26
97899	All Other Transportation & Related Workers..........................	260	.32	n/a
97941	Hoist & Winch Operators............	80	.10	31.85
97944	Crane & Tower Operators............	150	.19	37.17
97947	Industrial Truck & Tractor Operators	990	1.24	16.26
97999	All Other Material Moving Equipment Operators........................	80	.10	n/a
98102	Mechanic & Repairer Helpers.........	100	.13	21.88
98502	Machine Feeders & Offbearers........	460	.57	23.57
98700	Freight, Stock, & Material Movers, Hand............................	1,170	1.46	n/a
98902	Hand Packers & Packagers...........	940	1.18	45.36
98999	All Other Helpers, Laborers, & Material Movers, Hand............	2,130	2.67	n/a

Table 68
SIC 341
METAL CANS AND SHIPPING CONTAINERS

This group includes establishments primarily engaged in manufacturing metal cans and/or metal shipping barrels, drums, kegs, and pails.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,640	100.00	n/a
13002	Financial Managers..................	20	.55	13.11
13005	Personnel, Training, & Labor Relations Managers................	10	.27	13.00
15014	Industrial Production Managers......	20	.55	10.43
19005	General Managers & Top Executives...	50	1.37	8.57
19999	All Other Managers & Administrators.	50	1.37	n/a
21114	Accountants & Auditors..............	10	.27	19.41
21999	All Other Mgmt Support Workers......	10	.27	n/a
22100	Engineers...........................	10	.27	n/a
22500	Engineering & Related Technicians & Technologists..................	10	.27	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.27	n/a
49008	Other Sales Representatives, Except Retail....................	10	.27	26.83
49999	All Other Sales & Related Workers...	10	.27	n/a
55100	Secretaries.........................	30	.83	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	20	.55	17.02
55347	General Office Clerks...............	20	.55	14.35
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	30	.83	12.29
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.55	n/a
59999	All Other Clerical & Administrative Support Workers..................	40	1.10	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	60	1.65	9.94
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	50	1.37	11.05
81008	First Line Supervisors/Managers, Production & Operating Workers....	160	4.40	10.24
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	10	.27	13.67
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	20	.55	10.93
83002	Precision Inspectors, Testers, & Graders...........................	40	1.10	30.12

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	140	3.85	12.54
85110	Machinery Maintenance Mechanics	420	11.54	n/a
85123	Millwrights	50	1.37	16.68
85128	Machinery Maintenance Workers	90	2.47	29.88
85132	Maintenance Repairers, General Utility	110	3.02	18.64
85999	All Other Mechanics, Installers, & Repairers	10	.27	n/a
87202	Electricians	80	2.20	7.11
87899	All Other Construction Trades Workers	10	.27	n/a
89102	Tool & Die Makers	40	1.10	13.90
89108	Machinists	90	2.47	11.41
89199	All Other Precision Metal Workers	40	1.10	n/a
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	50	1.37	9.94
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	30	.83	14.49
91321	Machine Forming Operators & Tenders, Metal & Plastic	430	11.81	16.09
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	30	.83	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	110	3.02	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	70	1.93	25.15
92953	Coating, Painting, & Spraying Machine Operators & Tenders	80	2.20	27.20
92974	Packaging & Filling Machine Operators & Tenders	60	1.65	30.81
92997	All Other Machine Setters & Set-Up Operators	70	1.93	n/a
92998	All Other Machine Operators & Tenders	70	1.93	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators	50	1.37	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	50	1.37	28.57
97947	Industrial Truck & Tractor Operators	190	5.22	8.75
97999	All Other Material Moving Equipment Operators	70	1.93	n/a
98102	Mechanic & Repairer Helpers	40	1.10	43.75
98502	Machine Feeders & Offbearers	170	4.68	16.40
98700	Freight, Stock, & Material Movers, Hand	100	2.75	n/a
98902	Hand Packers & Packagers	50	1.37	27.17

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
98999	All Other Helpers, Laborers, & Material Movers, Hand.............	120	3.30	n/a

Table 69
SIC 342
CUTLERY, HAND TOOLS, AND GENERAL HARDWARE

This group includes establishments primarily engaged in manufacturing cutlery; files and other hand and edge tools for metalworking, woodworking, and general maintenance; hand saws and saw blades for hand and power driven saws; and miscellaneous metal products usually termed "hardware", not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,220	100.00	n/a
19005	General Managers & Top Executives	70	3.15	14.90
19999	All Other Managers & Administrators	50	2.25	n/a
21114	Accountants & Auditors	20	.90	24.42
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.45	16.99
21999	All Other Mgmt Support Workers	10	.45	n/a
22135	Mechanical Engineers	20	.90	21.50
22199	All Other Engineers	10	.45	n/a
22514	Drafters	10	.45	24.47
22599	All Other Engineering & Related Technicians & Technologists	10	.45	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	20	.90	n/a
49008	Other Sales Representatives, Except Retail	30	1.35	28.26
49999	All Other Sales & Related Workers	20	.90	n/a
55100	Secretaries	30	1.35	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	40	1.81	19.50
55347	General Office Clerks	30	1.35	21.64
56000	Electronic Data Processing & Other Office Machine Occupations	20	.90	n/a
58008	Production, Planning, & Expediting Clerks	20	.90	21.45
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	10	.45	38.98
58028	Traffic, Shipping, & Receiving Clerks	10	.45	24.24
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.45	n/a
59999	All Other Clerical & Administrative Support Workers	50	2.25	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	20	.90	20.49
81008	First Line Supervisors/Managers, Production & Operating Workers	100	4.50	11.35

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.45	n/a
83002	Precision Inspectors, Testers, & Graders..........................	10	.45	16.67
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	40	1.81	14.76
85110	Machinery Maintenance Mechanics....	20	.90	n/a
85132	Maintenance Repairers, General Utility..........................	10	.45	30.70
85999	All Other Mechanics, Installers, & Repairers........................	20	.90	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving...........................	10	.45	n/a
89102	Tool & Die Makers..................	50	2.25	43.02
89108	Machinists........................	130	5.86	31.46
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	50	2.25	41.80
89199	All Other Precision Metal Workers...	80	3.61	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	20	.90	23.05
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	90	4.05	40.84
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	50	2.25	23.08
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	10	.45	33.79
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic........................	30	1.35	24.19
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	20	.90	36.54
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	50	2.25	38.49
91702	Welding Machine Setters & Set-Up Operators........................	20	.90	45.21
91714	Metal Fabricators, Structural Metal Products.........................	40	1.81	39.96
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	50	2.25	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	160	7.21	n/a
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	30	1.35	41.96

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92997	All Other Machine Setters & Set-Up Operators	80	3.61	n/a
92998	All Other Machine Operators & Tenders	20	.90	n/a
93953	Grinding & Polishing Workers, Hand	30	1.35	40.29
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	200	9.01	23.58
93999	All Other Hand Workers	40	1.81	n/a
97947	Industrial Truck & Tractor Operators	20	.90	45.62
97999	All Other Material Moving Equipment Operators	10	.45	n/a
98502	Machine Feeders & Offbearers	20	.90	48.43
98700	Freight, Stock, & Material Movers, Hand	30	1.35	n/a
98902	Hand Packers & Packagers	110	4.95	26.21
98999	All Other Helpers, Laborers, & Material Movers, Hand	40	1.81	n/a

Table 70
SIC 343
HEATING EQUIPMENT, EXCEPT ELECTRIC AND WARM AIR; AND PLUMBING FIXTURES

This group includes establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware; plumbing fixture fittings and trim (brass goods); and heating equipment, except electric and warm air furnaces, including gas, oil, and stoker coal fired equipment for the automatic utilization of gaseous, liquid, and solid fuels.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	2,420	100.00	n/a
13002	Financial Managers..................	10	.41	9.26
13011	Marketing, Advertising, & Public Relations Managers................	20	.83	16.55
15014	Industrial Production Managers......	30	1.24	14.24
19005	General Managers & Top Executives...	50	2.07	5.65
19999	All Other Managers & Administrators.	50	2.07	n/a
21114	Accountants & Auditors..............	20	.83	11.02
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	10	.41	7.04
21999	All Other Mgmt Support Workers......	20	.83	n/a
22135	Mechanical Engineers................	20	.83	16.21
22199	All Other Engineers.................	10	.41	n/a
22514	Drafters............................	20	.83	8.71
22599	All Other Engineering & Related Technicians & Technologists.......	10	.41	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.41	n/a
49008	Other Sales Representatives, Except Retail......................	30	1.24	6.80
49999	All Other Sales & Related Workers...	20	.83	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	10	.41	6.79
55100	Secretaries.........................	40	1.65	n/a
55323	Order Clerks; Materials, Merchandise, & Service............	20	.83	11.30
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	20	.83	6.28
55347	General Office Clerks...............	30	1.24	9.22
56000	Electronic Data Processing & Other Office Machine Occupations........	20	.83	n/a
58008	Production, Planning, & Expediting Clerks...........................	10	.41	15.52
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	40	1.65	7.50

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58028	Traffic, Shipping, & Receiving Clerks	30	1.24	3.43
58099	All Other Material Recording, Scheduling, & Distributing Workers	40	1.65	n/a
59999	All Other Clerical & Administrative Support Workers	30	1.24	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	20	.83	9.66
69999	All Other Service Workers	10	.41	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.41	10.68
81008	First Line Supervisors/Managers, Production & Operating Workers	110	4.54	5.09
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.41	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	50	2.07	12.62
83099	All Other Inspectors, Testers, & Related Occupations	10	.41	n/a
85110	Machinery Maintenance Mechanics	20	.83	n/a
85128	Machinery Maintenance Workers	10	.41	22.49
85132	Maintenance Repairers, General Utility	30	1.24	15.18
85999	All Other Mechanics, Installers, & Repairers	20	.83	n/a
87202	Electricians	20	.83	18.74
89102	Tool & Die Makers	30	1.24	22.70
89108	Machinists	50	2.07	17.97
89132	Sheet Metal Workers	50	2.07	22.79
89199	All Other Precision Metal Workers	20	.83	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	100	4.12	15.33
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	30	1.24	24.27
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	40	1.65	16.86
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	10	.41	12.76
91702	Welding Machine Setters & Set-Up Operators	60	2.48	19.94
91708	Soldering & Brazing Machine Setters & Set-Up Operators	20	.83	14.98
91921	Electrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic	20	.83	29.84

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	80	3.30	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	150	6.20	n/a
92997	All Other Machine Setters & Set-Up Operators........................	10	.41	n/a
92998	All Other Machine Operators & Tenders..........................	30	1.24	n/a
93100	Precision Assemblers...............	20	.83	n/a
93914	Welders & Cutters..................	30	1.24	4.31
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	450	18.59	7.63
93999	All Other Hand Workers.............	50	2.07	n/a
97947	Industrial Truck & Tractor Operators	20	.83	13.47
97999	All Other Material Moving Equipment Operators........................	40	1.65	n/a
98502	Machine Feeders & Offbearers........	120	4.95	23.82
98700	Freight, Stock, & Material Movers, Hand............................	20	.83	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	30	1.24	n/a

Table 71
SIC 345
SCREW MACHINE PRODUCTS, AND BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS

This group includes establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics or other material; and bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	1,200	100.00	n/a
19005	General Managers & Top Executives...	40	3.33	3.75
19999	All Other Managers & Administrators.	40	3.33	n/a
21114	Accountants & Auditors..............	10	.83	14.21
21999	All Other Mgmt Support Workers......	10	.83	n/a
22100	Engineers...........................	10	.83	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	30	2.50	7.56
49008	Other Sales Representatives, Except Retail....................	50	4.17	9.65
49999	All Other Sales & Related Workers...	10	.83	n/a
51002	First Line Supervisors/Managers, Clerical, & Administration Support Occupations..............	10	.83	8.42
55100	Secretaries.........................	20	1.67	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	20	1.67	5.24
55347	General Office Clerks...............	10	.83	12.05
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	20	1.67	35.04
58028	Traffic, Shipping, & Receiving Clerks..........................	10	.83	3.99
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.83	n/a
59999	All Other Clerical & Administrative Support Workers..................	30	2.50	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	10	.83	13.64
69999	All Other Service Workers...........	10	.83	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	70	5.84	3.66
83002	Precision Inspectors, Testers, & Graders..........................	20	1.67	12.56
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	20	1.67	8.66
85132	Maintenance Repairers, General Utility..........................	30	2.50	7.11

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85999	All Other Mechanics, Installers, & Repairers	10	.83	n/a
89102	Tool & Die Makers	20	1.67	14.14
89108	Machinists	80	6.67	13.76
89199	All Other Precision Metal Workers	10	.83	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	70	5.84	12.39
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	20	1.67	8.02
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	100	8.33	10.08
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic	20	1.67	28.08
91321	Machine Forming Operators & Tenders, Metal & Plastic	30	2.50	32.14
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic	30	2.50	23.24
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic	20	1.67	.52
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	80	6.67	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	50	4.17	n/a
92974	Packaging & Filling Machine Operators & Tenders	30	2.50	16.59
92998	All Other Machine Operators & Tenders	10	.83	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	10	.83	23.50
93999	All Other Hand Workers	20	1.67	n/a
97947	Industrial Truck & Tractor Operators	20	1.67	13.07
97999	All Other Material Moving Equipment Operators	10	.83	n/a
98700	Freight, Stock, & Material Movers, Hand	30	2.50	n/a
98902	Hand Packers & Packagers	30	2.50	5.61
98999	All Other Helpers, Laborers, & Material Movers, Hand	10	.83	n/a

Table 72
SIC 346
METAL FORGINGS AND STAMPINGS

This group includes establishments primarily engaged in manufacturing iron, steel, and nonferrous forgings (with or without the uses of dies); automotive stampings, such as body parts, hubs, and trim; metal crowns and closures; and metal stampings and spun products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,920	100.00	n/a
13002	Financial Managers	20	.68	36.82
13011	Marketing, Advertising, & Public Relations Managers	10	.34	47.07
15014	Industrial Production Managers	20	.68	15.43
19005	General Managers & Top Executives	100	3.43	44.71
19999	All Other Managers & Administrators	40	1.37	n/a
21114	Accountants & Auditors	40	1.37	44.73
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.34	21.09
21999	All Other Mgmt Support Workers	20	.68	n/a
22135	Mechanical Engineers	50	1.71	43.79
22199	All Other Engineers	20	.68	n/a
22514	Drafters	10	.34	25.69
22599	All Other Engineering & Related Technicians & Technologists	10	.34	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	40	1.37	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	10	.34	48.01
49999	All Other Sales & Related Workers	30	1.03	n/a
55100	Secretaries	40	1.37	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks	40	1.37	44.56
55347	General Office Clerks	30	1.03	40.91
56000	Electronic Data Processing & Other Office Machine Occupations	10	.34	n/a
58008	Production, Planning, & Expediting Clerks	40	1.37	30.87
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	10	.34	40.38
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.34	n/a
59999	All Other Clerical & Administrative Support Workers	50	1.71	n/a
60000	Service Occupations	30	1.03	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.34	26.61

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81008	First Line Supervisors/Managers, Production & Operating Workers....	170	5.83	18.42
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.34	n/a
83002	Precision Inspectors, Testers, & Graders..........................	40	1.37	34.70
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	60	2.06	42.90
85132	Maintenance Repairers, General Utility..........................	80	2.74	37.66
85999	All Other Mechanics, Installers, & Repairers........................	60	2.06	n/a
87202	Electricians......................	30	1.03	46.87
87899	All Other Construction Trades Workers..........................	20	.68	n/a
89102	Tool & Die Makers..................	180	6.17	38.63
89108	Machinists........................	130	4.45	27.52
89199	All Other Precision Metal Workers...	120	4.11	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic........	20	.68	34.39
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic........................	170	5.83	31.60
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	50	1.71	39.57
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic........	100	3.43	36.88
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	210	7.19	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	430	14.73	n/a
92998	All Other Machine Operators & Tenders..........................	20	.68	n/a
93914	Welders & Cutters..................	30	1.03	42.04
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	80	2.74	33.52
93999	All Other Hand Workers.............	60	2.06	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	10	.34	20.44
97999	All Other Material Moving Equipment Operators........................	30	1.03	n/a
98700	Freight, Stock, & Material Movers, Hand............................	60	2.06	n/a
98902	Hand Packers & Packagers...........	30	1.03	32.76
98999	All Other Helpers, Laborers, & Material Movers, Hand............	20	.68	n/a

Table 73
SIC 347
COATING, ENGRAVING, AND ALLIED SERVICES

This group includes establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, coating, lacquering, galvanizing, engraving, chasing, etching, and finishing of metals and formed products for the trade.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	4,460	100.00	n/a
19005	General Managers & Top Executives...	250	5.61	10.43
19999	All Other Managers & Administrators.	40	.90	n/a
21114	Accountants & Auditors.............	10	.22	26.64
22135	Mechanical Engineers...............	30	.67	36.81
22500	Engineering & Related Technicians & Technologists..................	10	.22	n/a
24100	Physical Scientists................	10	.22	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.45	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	50	1.12	31.11
49008	Other Sales Representatives, Except Retail....................	90	2.02	18.09
49999	All Other Sales & Related Workers...	10	.22	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	10	.22	23.49
55100	Secretaries........................	150	3.36	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	120	2.69	15.56
55347	General Office Clerks..............	110	2.47	25.08
58028	Traffic, Shipping, & Receiving Clerks..........................	20	.45	26.34
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.22	n/a
59999	All Other Clerical & Administrative Support Workers..................	20	.45	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	50	1.12	15.05
81008	First Line Supervisors/Managers, Production & Operating Workers....	240	5.38	7.32
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand....................	10	.22	42.67
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.22	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83002	Precision Inspectors, Testers, & Graders..........................	10	.22	30.92
83099	All Other Inspectors, Testers, & Related Occupations..............	30	.67	n/a
85110	Machinery Maintenance Mechanics....	20	.45	n/a
85132	Maintenance Repairers, General Utility..........................	80	1.80	12.19
85999	All Other Mechanics, Installers, & Repairers........................	20	.45	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving...........................	10	.22	n/a
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	30	.67	46.18
89999	All Other Precision Workers.........	70	1.57	n/a
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	80	1.80	42.96
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	10	.22	46.98
91702	Welding Machine Setters & Set-Up Operators........................	10	.22	42.28
91917	Electrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic........	320	7.18	21.68
91921	Electrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic..........................	490	10.99	17.44
91923	Nonelectrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic........	230	5.16	32.11
91926	Nonelectrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic........................	90	2.02	44.41
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	80	1.80	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	30	.67	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	200	4.49	23.31
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	330	7.40	21.60
92997	All Other Machine Setters & Set-Up Operators........................	40	.90	n/a
92998	All Other Machine Operators & Tenders..........................	30	.67	n/a
93953	Grinding & Polishing Workers, Hand..	130	2.92	30.53

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	40	.90	42.44
93999	All Other Hand Workers	10	.22	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	10	.22	40.96
97105	Truck Drivers, Light, Including Delivery & Route Workers	80	1.80	22.70
97944	Crane & Tower Operators	30	.67	39.10
97947	Industrial Truck & Tractor Operators	110	2.47	14.15
97999	All Other Material Moving Equipment Operators	20	.45	n/a
98700	Freight, Stock, & Material Movers, Hand	120	2.69	n/a
98902	Hand Packers & Packagers	120	2.69	23.84
98999	All Other Helpers, Laborers, & Material Movers, Hand	310	6.95	n/a

Table 74
SIC 348
ORDNANCE AND ACCESSORIES, EXCEPT VEHICLES AND GUIDED MISSILES

This group includes establishments primarily engaged in manufacturing small arms; ammunition including component parts; bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their components; and ordnance and accessories, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	5,390	100.00	n/a
13005	Personnel, Training, & Labor Relations Managers	10	.19	3.96
15014	Industrial Production Managers	10	.19	10.02
19005	General Managers & Top Executives	60	1.11	3.22
19999	All Other Managers & Administrators	230	4.26	n/a
21114	Accountants & Auditors	30	.56	.91
21199	All Other Financial Specialists	10	.19	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	20	.37	.78
21511	Personnel, Training, & Labor Relations Specialists	10	.19	3.60
21999	All Other Mgmt Support Workers	70	1.30	n/a
22128	Industrial Engineers, Except Safety	30	.56	3.33
22132	Safety Engineers, Except Mining	30	.56	.64
22135	Mechanical Engineers	70	1.30	2.88
22199	All Other Engineers	180	3.34	n/a
22508	Industrial Engineering Technicians & Technologists	80	1.48	7.70
22599	All Other Engineering & Related Technicians & Technologists	90	1.67	n/a
24105	Chemists, Except Biochemists	30	.56	1.48
24199	All Other Physical Scientists	30	.56	n/a
24500	Physical & Life Science Technicians & Technologists	110	2.04	n/a
25102	Systems Analysts, E.D.P	10	.19	1.71
25105	Computer Programmers	30	.56	5.24
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	10	.19	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	60	1.11	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	40	.74	2.45
55100	Secretaries	80	1.48	n/a
55314	Personnel Clerks, Except Payroll & Timekeeping	20	.37	1.08

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55338	Bookkeeping, Accounting, & Auditing Clerks	20	.37	6.55
55341	Payroll & Timekeeping Clerks	10	.19	3.01
55347	General Office Clerks	140	2.59	3.74
56011	Computer Operators, Except Peripheral Equipment	10	.19	1.00
56017	Data Entry Keyers, Except Composing.	10	.19	.71
56099	All Other Office Machine Operators	10	.19	n/a
58008	Production, Planning, & Expediting Clerks	110	2.04	4.85
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	60	1.11	.91
58028	Traffic, Shipping, & Receiving Clerks	40	.74	4.90
58099	All Other Material Recording, Scheduling, & Distributing Workers	40	.74	n/a
59999	All Other Clerical & Administrative Support Workers	90	1.67	n/a
63047	Guards & Watch Guards	270	5.00	2.71
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	90	1.67	1.27
69999	All Other Service Workers	160	2.96	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations	30	.56	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	90	1.67	2.21
81008	First Line Supervisors/Managers, Production & Operating Workers	150	2.78	1.65
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	50	.93	n/a
83002	Precision Inspectors, Testers, & Graders	30	.56	8.92
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	400	7.42	2.03
85123	Millwrights	90	1.67	10.16
85999	All Other Mechanics, Installers, & Repairers	130	2.41	n/a
87102	Carpenters	20	.37	3.17
87202	Electricians	70	1.30	4.05
87402	Painters & Paperhangers, Construction & Maintenance	30	.56	3.94
87502	Plumbers,Pipefitters, & Steamfitters	50	.93	3.67
87899	All Other Construction Trades Workers	20	.37	n/a
89102	Tool & Die Makers	70	1.30	2.64
89108	Machinists	20	.37	23.31
89132	Sheet Metal Workers	20	.37	2.29

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89999	All Other Precision Workers.........	10	.19	n/a
91000	Machine Setters, Set-Up Operators, Operators & Tenders..............	420	7.79	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	730	13.54	9.18
93999	All Other Hand Workers..............	300	5.56	n/a
95000	Plant & System Occupations..........	40	.74	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	50	.93	5.84
97199	All Other Motor Vehicle Operators...	20	.37	n/a
97899	All Other Transportation & Related Workers..........................	20	.37	n/a
97947	Industrial Truck & Tractor Operators	40	.74	2.57
98999	All Other Helpers, Laborers, & Material Movers, Hand............	80	1.48	n/a

Table 75
SIC 349
MISCELLANEOUS FABRICATED METAL PRODUCTS

This group includes establishments primarily engaged in manufacturing steel and wire springs; valves and pipe fittings, except plumbers' brass goods; miscellaneous fabricated wire products; metal foil and leaf; fabricated pipe and pipe fittings; and fabricated metal products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	13,970	100.00	n/a
13002	Financial Managers	60	.43	39.58
13005	Personnel, Training, & Labor Relations Managers	40	.29	14.80
13008	Purchasing Managers	20	.14	49.21
13011	Marketing, Advertising, & Public Relations Managers	70	.50	22.62
13014	Administrative Services Managers	40	.29	16.06
15014	Industrial Production Managers	80	.58	13.66
19005	General Managers & Top Executives	380	2.72	13.00
19999	All Other Managers & Administrators	110	.79	n/a
21114	Accountants & Auditors	100	.72	13.51
21199	All Other Financial Specialists	20	.14	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	80	.58	15.48
21511	Personnel, Training, & Labor Relations Specialists	20	.14	20.07
21902	Cost Estimators	20	.14	29.26
21999	All Other Mgmt Support Workers	50	.36	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	10	.07	23.99
22128	Industrial Engineers, Except Safety	50	.36	12.36
22135	Mechanical Engineers	200	1.43	11.03
22199	All Other Engineers	10	.07	n/a
22508	Industrial Engineering Technicians & Technologists	20	.14	18.32
22511	Mechanical Engineering Technicians & Technologists	20	.14	18.72
22514	Drafters	250	1.79	15.60
22599	All Other Engineering & Related Technicians & Technologists	30	.21	n/a
25102	Systems Analysts, E.D.P.	20	.14	23.53
25105	Computer Programmers	30	.21	27.45
25111	Programmers; Numerical, Tool, & Process Control	30	.21	14.12
39999	All Other Professional, Paraprofessional, & Technical Workers	20	.14	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	30	.21	14.85

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49002	Sales Engineers	30	.21	19.31
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	150	1.08	21.47
49008	Other Sales Representatives, Except Retail	280	2.01	21.10
49999	All Other Sales & Related Workers	60	.43	17.97
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	80	.58	11.30
55100	Secretaries	330	2.36	n/a
55305	Receptionists & Information Clerks	10	.07	23.70
55314	Personnel Clerks, Except Payroll & Timekeeping	30	.21	15.18
55321	File Clerks	20	.14	16.27
55323	Order Clerks; Materials, Merchandise, & Service	30	.21	13.76
55326	Procurement Clerks	20	.14	18.52
55338	Bookkeeping, Accounting, & Auditing Clerks	300	2.15	15.22
55341	Payroll & Timekeeping Clerks	40	.29	13.20
55344	Billing, Cost & Rate Clerks	50	.36	27.23
55347	General Office Clerks	270	1.94	15.94
56011	Computer Operators, Except Peripheral Equipment	30	.21	10.42
56017	Data Entry Keyers, Except Composing	30	.21	19.30
56099	All Other Office Machine Operators	10	.07	n/a
57102	Switchboard Operators	30	.21	18.44
58008	Production, Planning, & Expediting Clerks	110	.79	10.62
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	10	.07	31.20
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	100	.72	16.54
58028	Traffic, Shipping, & Receiving Clerks	90	.64	16.90
58099	All Other Material Recording, Scheduling, & Distributing Workers	30	.21	n/a
59999	All Other Clerical & Administrative Support Workers	20	.14	n/a
63047	Guards & Watch Guards	60	.43	19.37
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	150	1.08	12.66
70000	Agricultural, Forestry, Fishing, & Related Occupations	10	.07	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	40	.29	16.21

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	10	.07	44.61
81008	First Line Supervisors/Managers, Production & Operating Workers	690	4.94	4.60
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	20	.14	16.92
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	20	.14	22.18
83002	Precision Inspectors, Testers, & Graders	210	1.50	20.75
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	310	2.22	20.51
85110	Machinery Maintenance Mechanics	150	1.08	n/a
85128	Machinery Maintenance Workers	20	.14	28.09
85132	Maintenance Repairers, General Utility	290	2.08	35.12
85999	All Other Mechanics, Installers, & Repairers	60	.43	n/a
87202	Electricians	40	.29	20.16
87899	All Other Construction Trades Workers	50	.36	n/a
89102	Tool & Die Makers	100	.72	10.28
89108	Machinists	460	3.30	16.48
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	110	.79	35.97
89132	Sheet Metal Workers	280	2.01	48.85
89999	All Other Precision Workers	40	.29	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic	20	.14	24.67
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	920	6.59	19.17
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	270	1.94	18.38
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	30	.21	15.71
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	140	1.00	24.37
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	370	2.65	37.18
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	20	.14	45.91

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic........	40	.29	34.22
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	240	1.72	33.19
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic..........................	250	1.79	15.56
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	130	.93	48.18
91702	Welding Machine Setters & Set-Up Operators........................	190	1.36	24.67
91705	Welding Machine Operators & Tenders.	250	1.79	38.32
91714	Metal Fabricators, Structural Metal Products.........................	130	.93	39.23
91921	Electrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic..........................	10	.07	43.47
91923	Nonelectrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic........	40	.29	41.93
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic..................	10	.07	23.84
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	220	1.58	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	530	3.79	n/a
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	70	.50	38.90
92997	All Other Machine Setters & Set-Up Operators.......................	30	.21	n/a
92998	All Other Machine Operators & Tenders..........................	60	.43	n/a
93108	Fitters, Structural Metal, Precision	80	.58	37.41
93914	Welders & Cutters..................	210	1.50	32.90
93953	Grinding & Polishing Workers, Hand..	90	.64	29.84
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision.....................	1,340	9.59	16.92
93999	All Other Hand Workers..............	20	.14	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	50	.36	46.29
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	20	.14	33.24
97199	All Other Motor Vehicle Operators...	10	.07	n/a
97944	Crane & Tower Operators............	30	.21	30.10
97947	Industrial Truck & Tractor Operators	170	1.22	19.79
98700	Freight, Stock, & Material Movers, Hand.............................	330	2.36	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
98902	Hand Packers & Packagers............	180	1.29	27.67
98999	All Other Helpers, Laborers, & Material Movers, Hand............	380	2.72	n/a

Table 76
SIC 35
MACHINERY, EXCEPT ELECTRICAL

This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment and transportation equipment. Also included are portable tools (both electric and pneumatic powered) and machines powered by built-in or detachable motors.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	131,860	100.00	n/a
13002	Financial Managers..................	610	.46	10.32
13005	Personnel, Training, & Labor Relations Managers................	360	.27	13.94
13008	Purchasing Managers.................	280	.21	10.23
13011	Marketing, Advertising, & Public Relations Managers................	890	.67	12.21
13014	Administrative Services Managers....	300	.23	22.37
15014	Industrial Production Managers......	1,060	.80	11.90
19005	General Managers & Top Executives...	3,170	2.40	13.37
19999	All Other Managers & Administrators.	3,100	2.35	n/a
21114	Accountants & Auditors..............	960	.73	14.18
21117	Budget Analysts.....................	70	.05	16.61
21199	All Other Financial Specialists.....	190	.14	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	680	.52	9.29
21511	Personnel, Training, & Labor Relations Specialists.............	380	.29	15.87
21902	Cost Estimators.....................	320	.24	15.39
21999	All Other Mgmt Support Workers......	1,490	1.13	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers....	150	.11	13.60
22114	Chemical Engineers..................	60	.05	30.99
22121	Civil Engineers, Including Traffic..	320	.24	40.21
22123	Agricultural Engineers..............	30	.02	31.20
22126	Electrical & Electronic Engineers...	4,470	3.39	18.73
22128	Industrial Engineers, Except Safety.	1,660	1.25	13.30
22132	Safety Engineers, Except Mining.....	50	.04	33.33
22135	Mechanical Engineers................	2,270	1.72	18.12
22199	All Other Engineers.................	420	.32	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	2,140	1.62	13.95
22508	Industrial Engineering Technicians & Technologists....................	430	.33	31.30
22511	Mechanical Engineering Technicians & Technologists..................	1,010	.76	33.88
22514	Drafters............................	1,760	1.33	13.30
22599	All Other Engineering & Related Technicians & Technologists.......	710	.54	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24105	Chemists, Except Biochemists	50	.04	44.65
24199	All Other Physical Scientists	20	.02	n/a
24505	Chemical Technicians & Technologists, Except Health	60	.05	44.16
24599	All Other Physical & Life Science Technicians & Technologists	40	.03	n/a
25102	Systems Analysts, E.D.P.	730	.55	7.57
25105	Computer Programmers	1,790	1.35	11.77
25108	Computer Programmer Aides	70	.05	23.60
25111	Programmers; Numerical, Tool, & Process Control	220	.17	12.04
25302	Operations & Systems Researchers & Analysts, Except Computer	130	.10	20.58
28108	Lawyers	40	.03	24.34
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	90	.07	n/a
34002	Writers & Editors	20	.02	20.40
34005	Technical Writers	110	.08	12.21
34008	Public Relations Specialists & Publicity Writers	40	.03	22.15
34038	Designers, Except Interior Designers	220	.17	49.94
39999	All Other Professional, Paraprofessional, & Technical Workers	560	.42	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	370	.28	12.05
49002	Sales Engineers	250	.19	23.23
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	2,010	1.52	11.72
49008	Other Sales Representatives, Except Retail	2,350	1.78	22.77
49999	All Other Sales & Related Workers	220	.17	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	800	.61	9.92
55100	Secretaries	4,120	3.12	n/a
55302	Stenographers	60	.05	22.43
55305	Receptionists & Information Clerks	190	.14	29.99
55308	Typists	230	.17	22.92
55311	Typists, Word Processing Equipment	110	.08	14.15
55314	Personnel Clerks, Except Payroll & Timekeeping	140	.11	17.51
55321	File Clerks	140	.11	29.00
55323	Order Clerks; Materials, Merchandise, & Service	380	.29	24.61
55326	Procurement Clerks	130	.10	15.55
55328	Statistical Clerks	60	.05	23.91

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55338	Bookkeeping, Accounting, & Auditing Clerks	1,900	1.44	16.43
55341	Payroll & Timekeeping Clerks	240	.18	12.78
55344	Billing, Cost & Rate Clerks	330	.25	13.48
55347	General Office Clerks	2,910	2.20	9.83
56011	Computer Operators, Except Peripheral Equipment	470	.36	11.77
56017	Data Entry Keyers, Except Composing	300	.23	13.22
56099	All Other Office Machine Operators	130	.10	n/a
57102	Switchboard Operators	210	.16	10.73
58008	Production, Planning, & Expediting Clerks	1,700	1.28	21.12
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	170	.13	26.98
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	1,710	1.29	10.07
58028	Traffic, Shipping, & Receiving Clerks	1,000	.75	12.97
58099	All Other Material Recording, Scheduling, & Distributing Workers	240	.18	n/a
59999	All Other Clerical & Administrative Support Workers	1,340	1.02	n/a
61000	First Line Supervisors/Managers, Service	90	.07	n/a
63047	Guards & Watch Guards	320	.24	18.77
65000	Food & Beverage Preparation & Service Occupations	20	.02	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	1,250	.95	15.86
67099	All Other Cleaning & Building Service Workers, Except Private Households	30	.02	n/a
69999	All Other Service Workers	30	.02	n/a
79014	Gardeners & Groundskeepers, Except Farm	50	.04	22.82
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	310	.24	10.63
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	80	.06	21.26
81008	First Line Supervisors/Managers, Production & Operating Workers	4,940	3.74	7.75
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	100	.08	12.13
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	240	.18	15.74

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83002	Precision Inspectors, Testers, & Graders	1,870	1.42	16.22
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	1,650	1.25	18.34
85110	Machinery Maintenance Mechanics	980	.74	n/a
85123	Millwrights	110	.08	37.27
85128	Machinery Maintenance Workers	160	.12	20.90
85132	Maintenance Repairers, General Utility	1,500	1.14	16.81
85302	Automotive Mechanics	80	.06	23.36
85311	Bus & Truck Mechanics, & Diesel Engine Specialists	50	.04	33.23
85705	Data Processing Equipment Repairers	420	.32	37.37
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	100	.08	41.26
85905	Precision Instrument Repairers	170	.13	23.22
85935	Riggers	80	.06	39.45
85999	All Other Mechanics, Installers, & Repairers	340	.26	n/a
87102	Carpenters	110	.08	19.11
87202	Electricians	640	.49	13.42
87402	Painters & Paperhangers, Construction & Maintenance	230	.17	26.36
87899	All Other Construction Trades Workers	340	.26	n/a
89102	Tool & Die Makers	930	.71	13.68
89108	Machinists	9,970	7.56	9.64
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	460	.35	15.68
89117	Precision Layout Workers, Metal	130	.10	27.26
89132	Sheet Metal Workers	1,390	1.05	39.18
89199	All Other Precision Metal Workers	10	.01	n/a
89302	Pattern & Model Makers, Wood	130	.10	46.05
89999	All Other Precision Workers	50	.04	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic	390	.30	19.91
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	1,940	1.47	11.63
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	830	.63	15.30
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic	730	.55	12.86
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	1,490	1.13	31.26

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	1,880	1.43	14.83
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	400	.30	22.74
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic........................	500	.38	17.76
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	180	.14	39.26
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic........	130	.10	18.66
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	750	.57	22.94
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic..........................	1,340	1.02	15.63
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	790	.60	24.25
91702	Welding Machine Setters & Set-Up Operators......................	1,690	1.28	24.60
91705	Welding Machine Operators & Tenders.	1,390	1.05	34.28
91708	Soldering & Brazing Machine Setters & Set-Up Operators...............	490	.37	41.35
91911	Metal Molding, Coremaking, & Casting Machine Operators & Tenders.......	120	.09	34.41
91917	Electrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic........	20	.02	34.56
91928	Heating Equipment Setters & Set-Up Operators, Metal & Plastic........	40	.03	28.54
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic..................	210	.16	14.14
91935	Furnace Operators & Tenders.........	130	.10	16.53
91938	Heaters, Metal & Plastic............	50	.04	34.23
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	380	.29	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	840	.64	n/a
92308	Sawing Machine Operators & Tenders..	20	.02	37.15
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	480	.36	21.35
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	260	.20	18.77
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	60	.05	12.42
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders.........................	60	.05	25.43

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92974	Packaging & Filling Machine Operators & Tenders...............	120	.09	8.57
92997	All Other Machine Setters & Set-Up Operators.........................	290	.22	n/a
92998	All Other Machine Operators & Tenders...........................	420	.32	n/a
93105	Machine Builders & Other Precision Machine Assemblers................	2,330	1.77	40.00
93111	Electromechanical Equipment Assembers, Precision..............	1,990	1.51	36.90
93114	Electrical & Electronic Equipment Assemblers, Precision............	2,420	1.84	37.50
93197	All Other Precision Assemblers,Metal	420	.32	n/a
93902	Machine Assemblers.................	680	.52	20.70
93914	Welders & Cutters..................	2,990	2.27	16.63
93917	Solderers & Brazers..................	230	.17	21.90
93953	Grinding & Polishing Workers, Hand..	220	.17	32.40
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	5,890	4.47	13.51
93999	All Other Hand Workers..............	1,910	1.45	n/a
95000	Plant & System Occupations..........	780	.59	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	330	.25	19.69
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	190	.14	18.74
97199	All Other Motor Vehicle Operators...	10	.01	n/a
97899	All Other Transportation & Related Workers..........................	20	.02	n/a
97944	Crane & Tower Operators.............	160	.12	27.87
97947	Industrial Truck & Tractor Operators	1,060	.80	13.71
97999	All Other Material Moving Equipment Operators........................	130	.10	n/a
98102	Mechanic & Repairer Helpers.........	250	.19	17.01
98502	Machine Feeders & Offbearers........	50	.04	26.64
98700	Freight, Stock, & Material Movers, Hand............................	1,980	1.50	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	2,300	1.74	n/a

Table 77
SIC 352
FARM AND GARDEN MACHINERY AND EQUIPMENT

This group includes establishments primarily engaged in manufacturing farm machinery and equipment, including wheel tractors; lawn mowers, garden tractors, and other lawn and garden equipment; and residential snowblowers and throwers.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	2,240	100.00	n/a
13011	Marketing, Advertising, & Public Relations Managers................	10	.45	15.16
15014	Industrial Production Managers......	20	.89	20.80
19005	General Managers & Top Executives...	80	3.57	4.41
19999	All Other Managers & Administrators.	40	1.78	n/a
21114	Accountants & Auditors..............	20	.89	12.52
21999	All Other Mgmt Support Workers......	10	.45	n/a
22128	Industrial Engineers, Except Safety.	10	.45	15.68
22135	Mechanical Engineers................	10	.45	22.17
22514	Drafters............................	20	.89	10.86
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.89	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	30	1.34	15.78
49008	Other Sales Representatives, Except Retail....................	70	3.13	12.46
49999	All Other Sales & Related Workers...	10	.45	n/a
55100	Secretaries.........................	60	2.68	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.78	7.74
55347	General Office Clerks...............	40	1.78	7.41
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.45	n/a
58008	Production, Planning, & Expediting Clerks..........................	10	.45	3.11
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	30	1.34	10.87
58028	Traffic, Shipping, & Receiving Clerks..........................	50	2.23	8.05
59999	All Other Clerical & Administrative Support Workers..................	50	2.23	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	50	2.23	4.94
69999	All Other Service Workers...........	10	.45	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	90	4.02	3.44

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.45	n/a
83099	All Other Inspectors, Testers, & Related Occupations	10	.45	n/a
85132	Maintenance Repairers, General Utility	40	1.78	5.10
85999	All Other Mechanics, Installers, & Repairers	10	.45	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	10	.45	n/a
89102	Tool & Die Makers	30	1.34	16.60
89108	Machinists	50	2.23	8.33
89132	Sheet Metal Workers	50	2.23	16.33
89199	All Other Precision Metal Workers...	10	.45	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	40	1.78	11.64
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	10	.45	16.31
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	10	.45	14.42
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	50	2.23	9.89
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	20	.89	13.35
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	50	2.23	2.84
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	20	.89	30.59
91321	Machine Forming Operators & Tenders, Metal & Plastic	40	1.78	6.37
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	20	.89	21.10
91508	Combination Machine Tool Operators & Tenders, Metal & Plastic	10	.45	19.83
91702	Welding Machine Setters & Set-Up Operators	150	6.69	8.62
91705	Welding Machine Operators & Tenders.	130	5.80	7.92
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	10	.45	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	10	.45	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	20	.89	13.46

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	30	1.34	13.84
93902	Machine Assemblers.................	20	.89	14.73
93914	Welders & Cutters..................	70	3.13	18.03
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	340	15.18	2.94
93999	All Other Hand Workers.............	10	.45	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	20	.89	8.07
97947	Industrial Truck & Tractor Operators	70	3.13	8.04
97999	All Other Material Moving Equipment Operators........................	30	1.34	n/a
98700	Freight, Stock, & Material Movers, Hand.............................	30	1.34	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	20	.89	n/a

Table 78
SIC 353
CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT

This group includes establishments primarily engaged in manufacturing heavy machinery and equipment used in construction, mining, and oil or water well drilling. Also included are establishments that manufacture elevators and moving stairways; conveyors and conveying equipment; hoists, industrial cranes, and monorail systems; and industrial trucks, tractors, trailers, and stackers.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	47,820	100.00	n/a
13002	Financial Managers	260	.54	10.88
13005	Personnel, Training, & Labor Relations Managers	180	.38	9.60
13008	Purchasing Managers	120	.25	10.31
13011	Marketing, Advertising, & Public Relations Managers	400	.84	14.98
13014	Administrative Services Managers	120	.25	19.89
15014	Industrial Production Managers	480	1.01	9.40
19005	General Managers & Top Executives	950	1.99	34.12
19999	All Other Managers & Administrators	780	1.63	n/a
21114	Accountants & Auditors	440	.92	14.26
21117	Budget Analysts	40	.08	25.74
21199	All Other Financial Specialists	70	.15	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	270	.56	10.11
21511	Personnel, Training, & Labor Relations Specialists	140	.29	17.18
21902	Cost Estimators	210	.44	15.69
21999	All Other Mgmt Support Workers	260	.54	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	130	.27	15.00
22126	Electrical & Electronic Engineers	210	.44	24.78
22128	Industrial Engineers, Except Safety	370	.77	11.74
22132	Safety Engineers, Except Mining	20	.04	31.88
22135	Mechanical Engineers	1,540	3.22	26.05
22199	All Other Engineers	360	.75	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	290	.61	32.35
22508	Industrial Engineering Technicians & Technologists	90	.19	26.25
22511	Mechanical Engineering Technicians & Technologists	270	.56	18.49
22514	Drafters	840	1.76	18.11
22599	All Other Engineering & Related Technicians & Technologists	150	.31	n/a
24105	Chemists, Except Biochemists	20	.04	22.37
24199	All Other Physical Scientists	10	.02	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24500	Physical & Life Science Technicians & Technologists	60	.13	n/a
25102	Systems Analysts, E.D.P.	150	.31	15.18
25105	Computer Programmers	220	.46	11.00
25108	Computer Programmer Aides	30	.06	29.77
25111	Programmers; Numerical, Tool, & Process Control	160	.33	14.33
25302	Operations & Systems Researchers & Analysts, Except Computer	90	.19	17.27
28108	Lawyers	20	.04	23.35
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	50	.10	13.34
34005	Technical Writers	40	.08	15.21
34008	Public Relations Specialists & Publicity Writers	30	.06	23.56
34038	Designers, Except Interior Designers	40	.08	36.24
39999	All Other Professional, Paraprofessional, & Technical Workers	230	.48	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	180	.38	15.33
49002	Sales Engineers	180	.38	26.20
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	1,040	2.17	16.16
49008	Other Sales Representatives, Except Retail	1,110	2.32	40.47
49999	All Other Sales & Related Workers	50	.10	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	380	.80	9.11
55100	Secretaries	1,580	3.30	n/a
55302	Stenographers	40	.08	30.88
55305	Receptionists & Information Clerks	80	.17	24.66
55308	Typists	170	.36	19.08
55311	Typists, Word Processing Equipment	80	.17	17.15
55314	Personnel Clerks, Except Payroll & Timekeeping	60	.13	29.71
55321	File Clerks	40	.08	35.06
55323	Order Clerks; Materials, Merchandise, & Service	150	.31	23.00
55326	Procurement Clerks	50	.10	27.40
55328	Statistical Clerks	30	.06	30.63
55338	Bookkeeping, Accounting, & Auditing Clerks	420	.88	20.00
55341	Payroll & Timekeeping Clerks	110	.23	15.35
55344	Billing, Cost & Rate Clerks	210	.44	17.02
55347	General Office Clerks	1,120	2.34	18.25

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
56002	Billing, Posting, & Calculating Machine Operators................	20	.04	38.33
56011	Computer Operators, Except Peripheral Equipment.............	150	.31	13.35
56017	Data Entry Keyers, Except Composing.	170	.36	13.31
56099	All Other Office Machine Operators..	40	.08	n/a
57102	Switchboard Operators..............	100	.21	11.76
58008	Production, Planning, & Expediting Clerks..........................	590	1.24	8.13
58017	Weighers, Measurers, Checkers, & Samplers, Recordkeeping..........	160	.33	27.10
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard.................	840	1.76	9.70
58028	Traffic, Shipping, & Receiving Clerks..........................	310	.65	32.42
58099	All Other Material Recording, Scheduling, & Distributing Workers	50	.10	n/a
59999	All Other Clerical & Administrative Support Workers..................	150	.31	n/a
61000	First Line Supervisors/Managers, Service.........................	60	.13	n/a
63047	Guards & Watch Guards..............	200	.42	21.84
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	520	1.09	33.34
67099	All Other Cleaning & Building Service Workers, Except Private Households.......................	20	.04	n/a
69999	All Other Service Workers..........	10	.02	n/a
79014	Gardeners & Groundskeepers, Except Farm............................	40	.08	27.28
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	180	.38	11.99
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers.........................	60	.13	25.60
81008	First Line Supervisors/Managers, Production & Operating Workers....	2,090	4.37	15.81
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	60	.13	15.10
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand....................	100	.21	18.43
83002	Precision Inspectors, Testers, & Graders..........................	480	1.01	27.81
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	710	1.49	13.55
85110	Machinery Maintenance Mechanics....	600	1.26	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85128	Machinery Maintenance Workers.......	130	.27	23.72
85132	Maintenance Repairers, General Utility..........................	610	1.28	35.48
85302	Automotive Mechanics................	70	.15	26.66
85311	Bus & Truck Mechanics, & Diesel Engine Specialists................	40	.08	42.97
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers.......................	60	.13	29.18
85905	Precision Instrument Repairers......	110	.23	28.46
85935	Riggers............................	80	.17	39.45
85999	All Other Mechanics, Installers, & Repairers.........................	280	.59	n/a
87102	Carpenters..........................	90	.19	23.36
87202	Electricians........................	550	1.15	15.28
87402	Painters & Paperhangers, Construction & Maintenance........	160	.33	29.62
87899	All Other Construction Trades Workers..........................	140	.29	n/a
89102	Tool & Die Makers..................	360	.75	25.88
89108	Machinists.........................	3,680	7.70	22.09
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	220	.46	13.68
89117	Precision Layout Workers, Metal.....	70	.15	44.99
89132	Sheet Metal Workers................	110	.23	41.88
89199	All Other Precision Metal Workers...	10	.02	n/a
89300	Precision Woodworkers..............	10	.02	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic........	190	.40	28.41
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	850	1.78	18.80
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	340	.71	23.77
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	360	.75	19.73
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	1,030	2.15	44.03
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	800	1.67	22.74
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	40	.08	34.87
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic........................	120	.25	43.50
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic........	90	.19	20.06

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	290	.61	48.65
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic...........................	930	1.95	19.61
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	280	.59	41.56
91702	Welding Machine Setters & Set-Up Operators.........................	500	1.05	36.08
91928	Heating Equipment Setters & Set-Up Operators, Metal & Plastic........	30	.06	35.36
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic..................	190	.40	14.39
91935	Furnace Operators & Tenders.........	120	.25	16.99
91938	Heaters, Metal & Plastic............	50	.10	34.23
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	120	.25	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	670	1.40	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	110	.23	29.16
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	90	.19	31.05
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	10	.02	32.61
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders...........................	40	.08	28.55
92997	All Other Machine Setters & Set-Up Operators.........................	140	.29	n/a
92998	All Other Machine Operators & Tenders..........................	60	.13	n/a
93105	Machine Builders & Other Precision Machine Assemblers...............	1,840	3.85	49.98
93114	Electrical & Electronic Equipment Assemblers, Precision............	100	.21	47.42
93197	All Other Precision Assemblers,Metal	400	.84	n/a
93905	Electrical & Electronic Assemblers..	190	.40	39.12
93914	Welders & Cutters...................	1,800	3.76	21.27
93953	Grinding & Polishing Workers, Hand..	150	.31	43.26
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	1,630	3.41	30.54
93999	All Other Hand Workers..............	230	.48	n/a
95032	Stationary Engineers................	30	.06	27.24
97102	Truck Drivers, Heavy or Tractor Trailer.........................	240	.50	22.54

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	70	.15	20.61
97899	All Other Transportation & Related Workers..........................	30	.06	n/a
97944	Crane & Tower Operators.............	160	.33	29.08
97947	Industrial Truck & Tractor Operators	350	.73	22.38
97999	All Other Material Moving Equipment Operators.........................	100	.21	n/a
98102	Mechanic & Repairer Helpers.........	170	.36	20.53
98502	Machine Feeders & Offbearers........	30	.06	29.02
98700	Freight, Stock, & Material Movers, Hand.............................	310	.65	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	830	1.74	n/a

Table 79
SIC 354
METALWORKING MACHINERY AND EQUIPMENT

This group includes establishments primarily engaged in manufacturing metalworking machinery and equipment such as cutting and forming machine tools; machine tool accessories and measuring devices; power driven hand tools; rolling mill machinery and equipment; and metalworking machinery, not elsewhere classified. This group also includes contract tool and die shops making special tools and fixtures such as dies; punches; die sets and components, and subpresses; jigs and fixtures; and industrial molds.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	3,810	100.00	n/a
13002	Financial Managers	20	.52	25.44
13011	Marketing, Advertising, & Public Relations Managers	40	1.05	6.76
15014	Industrial Production Managers	20	.52	10.13
19005	General Managers & Top Executives	170	4.47	15.97
19999	All Other Managers & Administrators	70	1.84	n/a
21114	Accountants & Auditors	10	.26	22.89
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	10	.26	17.80
21999	All Other Mgmt Support Workers	20	.52	n/a
22126	Electrical & Electronic Engineers	20	.52	19.93
22128	Industrial Engineers, Except Safety	10	.26	7.59
22135	Mechanical Engineers	70	1.84	24.95
22514	Drafters	40	1.05	22.34
22599	All Other Engineering & Related Technicians & Technologists	20	.52	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	30	.79	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	110	2.90	11.79
49008	Other Sales Representatives, Except Retail	80	2.10	36.55
49999	All Other Sales & Related Workers	10	.26	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	20	.52	15.15
55100	Secretaries	120	3.15	n/a
55323	Order Clerks; Materials, Merchandise, & Service	20	.52	9.50
55338	Bookkeeping, Accounting, & Auditing Clerks	60	1.58	24.47
55347	General Office Clerks	70	1.84	16.40
56000	Electronic Data Processing & Other Office Machine Occupations	20	.52	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58008	Production, Planning, & Expediting Clerks	20	.52	11.40
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	60	1.58	13.09
58028	Traffic, Shipping, & Receiving Clerks	50	1.31	19.41
59999	All Other Clerical & Administrative Support Workers	40	1.05	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	30	.79	13.32
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.52	19.66
81008	First Line Supervisors/Managers, Production & Operating Workers	150	3.94	7.29
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	10	.26	n/a
83002	Precision Inspectors, Testers, & Graders	30	.79	16.26
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	30	.79	9.58
85110	Machinery Maintenance Mechanics	20	.52	n/a
85132	Maintenance Repairers, General Utility	50	1.31	11.77
85905	Precision Instrument Repairers	10	.26	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	10	.26	n/a
89102	Tool & Die Makers	200	5.26	20.68
89108	Machinists	520	13.65	13.34
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	60	1.58	36.22
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic	20	.52	20.82
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	120	3.15	7.76
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	80	2.10	22.27
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic	110	2.90	21.33
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	50	1.31	18.02
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	160	4.21	23.98

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	50	1.31	22.37
91702	Welding Machine Setters & Set-Up Operators.........................	40	1.05	27.91
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	60	1.58	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	70	1.84	n/a
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	30	.79	10.03
92997	All Other Machine Setters & Set-Up Operators.......................	10	.26	n/a
92998	All Other Machine Operators & Tenders..........................	50	1.31	n/a
93105	Machine Builders & Other Precision Machine Assemblers...............	40	1.05	18.83
93197	All Other Precision Assemblers,Metal	40	1.05	n/a
93905	Electrical & Electronic Assemblers..	20	.52	38.92
93914	Welders & Cutters..................	20	.52	38.55
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	250	6.57	13.20
93999	All Other Hand Workers.............	50	1.31	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	20	.52	n/a
97947	Industrial Truck & Tractor Operators	20	.52	49.31
98700	Freight, Stock, & Material Movers, Hand............................	120	3.15	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	10	.26	n/a

Table 80
SIC 356
GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT

This group includes establishments primarily engaged in manufacturing pumps and pumping equipment, ball and roller bearings, compressors, blowers, fans, industrial patterns, speed changers, high speed drives, gears, process furnaces and ovens, mechanical power transmission equipment, and other general industrial machinery and equipment.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	9,730	100.00	n/a
13002	Financial Managers	30	.31	23.13
13005	Personnel, Training, & Labor Relations Managers	20	.21	30.51
13008	Purchasing Managers	20	.21	27.23
13011	Marketing, Advertising, & Public Relations Managers	30	.31	28.02
13014	Administrative Services Managers	30	.31	42.49
15014	Industrial Production Managers	40	.41	21.26
19005	General Managers & Top Executives	340	3.49	8.78
19999	All Other Managers & Administrators	90	.92	n/a
21114	Accountants & Auditors	100	1.03	15.88
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	40	.41	23.46
21902	Cost Estimators	20	.21	37.14
21999	All Other Mgmt Support Workers	10	.10	n/a
22126	Electrical & Electronic Engineers	30	.31	45.10
22128	Industrial Engineers, Except Safety	10	.10	43.43
22135	Mechanical Engineers	100	1.03	20.62
22199	All Other Engineers	10	.10	n/a
22514	Drafters	210	2.16	19.36
22599	All Other Engineering & Related Technicians & Technologists	110	1.13	n/a
25105	Computer Programmers	20	.21	34.78
25108	Computer Programmer Aides	10	.10	39.40
39999	All Other Professional, Paraprofessional, & Technical Workers	30	.31	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	170	1.75	22.72
49008	Other Sales Representatives, Except Retail	290	2.98	18.91
49999	All Other Sales & Related Workers	20	.21	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	30	.31	25.83
55100	Secretaries	310	3.19	n/a
55305	Receptionists & Information Clerks	10	.10	45.78

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55314	Personnel Clerks, Except Payroll & Timekeeping	10	.10	27.07
55323	Order Clerks; Materials, Merchandise, & Service	30	.31	23.64
55338	Bookkeeping, Accounting, & Auditing Clerks	210	2.16	14.29
55341	Payroll & Timekeeping Clerks	20	.21	17.49
55344	Billing, Cost & Rate Clerks	20	.21	31.75
55347	General Office Clerks	210	2.16	17.92
56017	Data Entry Keyers, Except Composing	30	.31	31.71
56099	All Other Office Machine Operators	10	.10	n/a
57102	Switchboard Operators	10	.10	29.35
58008	Production, Planning, & Expediting Clerks	40	.41	44.83
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	160	1.64	21.38
58028	Traffic, Shipping, & Receiving Clerks	150	1.54	14.42
59999	All Other Clerical & Administrative Support Workers	30	.31	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	110	1.13	18.54
69999	All Other Service Workers	10	.10	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	30	.31	28.55
81008	First Line Supervisors/Managers, Production & Operating Workers	480	4.93	8.46
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	10	.10	n/a
83002	Precision Inspectors, Testers, & Graders	130	1.34	16.06
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	110	1.13	24.29
85110	Machinery Maintenance Mechanics	50	.51	n/a
85132	Maintenance Repairers, General Utility	180	1.85	17.65
85999	All Other Mechanics, Installers, & Repairers	120	1.23	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	170	1.75	n/a
89102	Tool & Die Makers	30	.31	32.81
89108	Machinists	560	5.76	18.45
89117	Precision Layout Workers, Metal	40	.41	40.38
89132	Sheet Metal Workers	150	1.54	33.69
89999	All Other Precision Workers	90	.92	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic........	80	.82	34.21
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	300	3.08	29.47
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	70	.72	34.04
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	90	.92	36.61
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	70	.72	29.22
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	120	1.23	30.78
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	120	1.23	31.37
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic..........................	50	.51	40.96
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	80	.82	43.95
91702	Welding Machine Setters & Set-Up Operators........................	230	2.36	22.73
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	90	.92	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	150	1.54	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	70	.72	24.35
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	20	.21	33.16
92998	All Other Machine Operators & Tenders...........................	60	.62	n/a
93105	Machine Builders & Other Precision Machine Assemblers...............	100	1.03	35.50
93902	Machine Assemblers.................	80	.82	40.33
93905	Electrical & Electronic Assemblers..	150	1.54	31.25
93914	Welders & Cutters..................	220	2.26	36.01
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	1,440	14.81	17.65
93999	All Other Hand Workers.............	130	1.34	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	20	.21	40.79
97947	Industrial Truck & Tractor Operators	40	.41	31.72
98700	Freight, Stock, & Material Movers, Hand............................	170	1.75	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	450	4.62	n/a

Table 81
SIC 358
REFRIGERATION AND SERVICE INDUSTRY MACHINERY

This group includes establishments primarily engaged in manufacturing automatic merchandising machines; commercial laundry, dry cleaning, and pressing machines; air conditioning and warm air heating equipment and commercial and industrial refrigeration equipment; measuring and dispensing pumps; and service industry machines, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	13,680	100.00	n/a
13002	Financial Managers	70	.51	44.55
13005	Personnel, Training, & Labor Relations Managers	30	.22	44.96
13008	Purchasing Managers	40	.29	40.16
13011	Marketing, Advertising, & Public Relations Managers	60	.44	34.41
15014	Industrial Production Managers	60	.44	27.70
19999	All Other Managers & Administrators.	450	3.29	n/a
21117	Budget Analysts	20	.15	23.45
21199	All Other Financial Specialists	80	.58	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	50	.37	28.56
21511	Personnel, Training, & Labor Relations Specialists	30	.22	12.54
21999	All Other Mgmt Support Workers	60	.44	n/a
22126	Electrical & Electronic Engineers	80	.58	26.50
22128	Industrial Engineers, Except Safety.	90	.66	35.38
22135	Mechanical Engineers	160	1.17	38.58
22199	All Other Engineers	40	.29	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	70	.51	34.93
22508	Industrial Engineering Technicians & Technologists	10	.07	39.91
22599	All Other Engineering & Related Technicians & Technologists	270	1.97	n/a
25102	Systems Analysts, E.D.P.	60	.44	30.08
34038	Designers, Except Interior Designers	10	.07	36.06
39999	All Other Professional, Paraprofessional, & Technical Workers	140	1.02	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations	110	.80	23.54
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	290	2.12	43.33
49999	All Other Sales & Related Workers	280	2.05	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	90	.66	19.33
55100	Secretaries........................	210	1.54	n/a
55302	Stenographers......................	20	.15	28.73
55314	Personnel Clerks, Except Payroll & Timekeeping......................	20	.15	15.15
55323	Order Clerks; Materials, Merchandise, & Service...........	50	.37	26.67
55326	Procurement Clerks.................	30	.22	33.51
55341	Payroll & Timekeeping Clerks........	30	.22	42.82
55344	Billing, Cost & Rate Clerks.........	40	.29	46.46
55347	General Office Clerks..............	110	.80	36.02
56011	Computer Operators, Except Peripheral Equipment.............	30	.22	24.01
56017	Data Entry Keyers, Except Composing.	30	.22	22.76
56099	All Other Office Machine Operators..	10	.07	n/a
58008	Production, Planning, & Expediting Clerks..........................	100	.73	15.77
58028	Traffic, Shipping, & Receiving Clerks..........................	170	1.24	33.53
58099	All Other Material Recording, Scheduling, & Distributing Workers	250	1.83	n/a
59999	All Other Clerical & Administrative Support Workers.................	380	2.78	n/a
63047	Guards & Watch Guards..............	40	.29	25.35
67000	Cleaning & Building Service Occupations, Except Private Households......................	70	.51	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.15	12.98
81008	First Line Supervisors/Managers, Production & Operating Workers....	440	3.22	34.56
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations.....	20	.15	24.82
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand....................	50	.37	40.79
83002	Precision Inspectors, Testers, & Graders..........................	190	1.39	24.23
83099	All Other Inspectors, Testers, & Related Occupations..............	160	1.17	n/a
85110	Machinery Maintenance Mechanics....	90	.66	n/a
85999	All Other Mechanics, Installers, & Repairers.......................	160	1.17	n/a
87202	Electricians.......................	20	.15	25.57
87999	All Other Extractive Workers, Except Helpers..........................	50	.37	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
89102	Tool & Die Makers..................	150	1.10	38.94
89302	Pattern & Model Makers, Wood........	30	.22	35.45
89999	All Other Precision Workers.........	960	7.02	n/a
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	240	1.75	35.81
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic........................	300	2.19	24.05
91308	Shear & Slitter Machine Setters & Set-Up Operators, Metal & Plastic.	70	.51	33.65
91321	Machine Forming Operators & Tenders, Metal & Plastic..................	110	.80	40.39
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	850	6.21	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	540	3.95	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	140	1.02	45.08
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	80	.58	48.46
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	20	.15	34.28
92997	All Other Machine Setters & Set-Up Operators.......................	70	.51	n/a
92998	All Other Machine Operators & Tenders.........................	40	.29	n/a
93902	Machine Assemblers..................	210	1.54	30.82
93905	Electrical & Electronic Assemblers..	130	.95	46.39
93917	Solderers & Brazers..................	210	1.54	24.18
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision.....................	1,660	12.12	31.71
93999	All Other Hand Workers.............	960	7.02	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	20	.15	32.07
97199	All Other Motor Vehicle Operators...	40	.29	n/a
97947	Industrial Truck & Tractor Operators	290	2.12	23.48
97999	All Other Material Moving Equipment Operators.......................	10	.07	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	1,110	8.11	n/a

Table 82
SIC 359
MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL

This group includes establishments primarily engaged in manufacturing non-electrical machinery, equipment and parts such as carburetors; pistons; piston rings; valves; amusement park machinery; hydraulic cylinders; and flexible metal hose and tubing. It also includes jobbing shops and repairing machine and equipment parts.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	15,730	100.00	n/a
13002	Financial Managers..................	20	.13	32.83
13005	Personnel, Training, & Labor Relations Managers................	10	.06	36.41
13008	Purchasing Managers.................	20	.13	30.72
13011	Marketing, Advertising, & Public Relations Managers...............	20	.13	45.99
13014	Administrative Services Managers....	20	.13	38.43
15014	Industrial Production Managers......	30	.19	27.35
19005	General Managers & Top Executives...	920	5.85	11.39
19999	All Other Managers & Administrators.	30	.19	n/a
21114	Accountants & Auditors..............	120	.76	27.48
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	40	.25	42.62
21902	Cost Estimators.....................	20	.13	46.77
21999	All Other Mgmt Support Workers......	10	.06	n/a
22135	Mechanical Engineers................	80	.51	39.92
22199	All Other Engineers.................	20	.13	n/a
22514	Drafters............................	60	.38	24.46
25111	Programmers; Numerical, Tool, & Process Control..................	10	.06	42.75
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.13	n/a
49002	Sales Engineers.....................	10	.06	46.43
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	80	.51	31.87
49008	Other Sales Representatives, Except Retail....................	350	2.23	22.86
49999	All Other Sales & Related Workers...	50	.32	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	20	.13	32.84
55100	Secretaries.........................	800	5.09	n/a
55305	Receptionists & Information Clerks..	10	.06	35.79
55323	Order Clerks; Materials, Merchandise, & Service...........	20	.13	36.84

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55338	Bookkeeping, Accounting, & Auditing Clerks	320	2.03	18.44
55341	Payroll & Timekeeping Clerks	10	.06	39.77
55344	Billing, Cost & Rate Clerks	10	.06	41.19
55347	General Office Clerks	490	3.11	17.06
56000	Electronic Data Processing & Other Office Machine Occupations	10	.06	n/a
58008	Production, Planning, & Expediting Clerks	20	.13	46.11
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	120	.76	31.84
58028	Traffic, Shipping, & Receiving Clerks	140	.89	24.56
59999	All Other Clerical & Administrative Support Workers	30	.19	n/a
63000	Protective Service Occupations	20	.13	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	300	1.91	19.75
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.06	39.57
81008	First Line Supervisors/Managers, Production & Operating Workers	800	5.08	10.19
83002	Precision Inspectors, Testers, & Graders	160	1.02	21.08
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	50	.32	49.26
85132	Maintenance Repairers, General Utility	320	2.03	25.46
85999	All Other Mechanics, Installers, & Repairers	150	.95	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	20	.13	n/a
89102	Tool & Die Makers	130	.83	39.06
89108	Machinists	4,250	27.01	8.69
89132	Sheet Metal Workers	250	1.59	48.76
89999	All Other Precision Workers	40	.25	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	500	3.18	24.70
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	170	1.08	34.93
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	160	1.02	43.28
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	590	3.75	30.77

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91321	Machine Forming Operators & Tenders, Metal & Plastic	120	.76	41.33
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic	210	1.34	42.26
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	390	2.48	38.59
91508	Combination Machine Tool Operators & Tenders, Metal & Plastic	150	.95	45.29
91702	Welding Machine Setters & Set-Up Operators	480	3.05	24.32
91705	Welding Machine Operators & Tenders.	470	2.99	31.53
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	240	1.53	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	180	1.14	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	50	.32	35.08
92953	Coating, Painting, & Spraying Machine Operators & Tenders	20	.13	38.33
92998	All Other Machine Operators & Tenders	20	.13	n/a
93105	Machine Builders & Other Precision Machine Assemblers	130	.83	42.18
93902	Machine Assemblers	70	.45	49.04
93914	Welders & Cutters	240	1.53	33.56
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	330	2.10	32.74
93999	All Other Hand Workers	150	.95	n/a
97947	Industrial Truck & Tractor Operators	280	1.78	36.36
97999	All Other Material Moving Equipment Operators	60	.38	n/a
98102	Mechanic & Repairer Helpers	40	.25	45.49
98700	Freight, Stock, & Material Movers, Hand	130	.83	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	110	.70	n/a

Table 83
SIC 36
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT, AND SUPPLIES

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	115,760	100.00	n/a
13002	Financial Managers..................	700	.60	9.57
13005	Personnel, Training, & Labor Relations Managers...............	300	.26	16.46
13008	Purchasing Managers................	190	.16	22.48
13011	Marketing, Advertising, & Public Relations Managers...............	790	.68	12.48
13014	Administrative Services Managers....	300	.26	31.46
15014	Industrial Production Managers......	630	.54	11.41
19005	General Managers & Top Executives...	1,070	.92	21.36
19999	All Other Managers & Administrators.	3,380	2.92	n/a
21114	Accountants & Auditors.............	890	.77	8.61
21117	Budget Analysts....................	70	.06	48.09
21199	All Other Financial Specialists.....	200	.17	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	670	.58	23.71
21511	Personnel, Training, & Labor Relations Specialists............	380	.33	14.97
21902	Cost Estimators....................	180	.16	26.21
21999	All Other Mgmt Support Workers......	1,280	1.11	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers....	110	.10	16.74
22114	Chemical Engineers.................	60	.05	49.49
22121	Civil Engineers, Including Traffic..	430	.37	24.34
22126	Electrical & Electronic Engineers...	9,940	8.59	8.38
22128	Industrial Engineers, Except Safety.	1,930	1.66	16.57
22132	Safety Engineers, Except Mining.....	70	.06	38.53
22135	Mechanical Engineers...............	950	.82	21.82
22199	All Other Engineers................	600	.52	n/a
22502	Civil Engineering Technicians & Technologists....................	90	.08	11.37
22505	Electrical & Electronic Engineering Technicians & Technologists.......	6,190	5.35	11.87
22508	Industrial Engineering Technicians & Technologists....................	1,220	1.05	8.91
22511	Mechanical Engineering Technicians & Technologists..................	2,190	1.89	14.45
22514	Drafters...........................	1,870	1.62	14.28
22599	All Other Engineering & Related Technicians & Technologists.......	1,810	1.56	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24105	Chemists, Except Biochemists........	50	.04	39.95
24199	All Other Physical Scientists.......	20	.02	n/a
24505	Chemical Technicians & Technologists, Except Health......	190	.16	10.59
24599	All Other Physical & Life Science Technicians & Technologists.......	30	.03	n/a
25102	Systems Analysts, E.D.P............	1,060	.92	12.72
25105	Computer Programmers...............	1,260	1.08	9.63
25111	Programmers; Numerical, Tool, & Process Control..................	80	.07	22.55
25302	Operations & Systems Researchers & Analysts, Except Computer.........	140	.12	14.18
28108	Lawyers............................	50	.04	8.78
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations.....................	110	.10	n/a
34002	Writers & Editors..................	50	.04	14.86
34005	Technical Writers..................	250	.22	32.47
34008	Public Relations Specialists & Publicity Writers................	50	.04	30.38
34038	Designers, Except Interior Designers	190	.16	16.49
39999	All Other Professional, Paraprofessional, & Technical Workers.......	850	.73	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail.....................	960	.83	27.82
49999	All Other Sales & Related Workers...	580	.50	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	970	.84	23.49
55100	Secretaries........................	2,450	2.12	n/a
55302	Stenographers......................	20	.02	37.45
55305	Receptionists & Information Clerks..	110	.10	46.73
55308	Typists............................	230	.20	49.10
55311	Typists, Word Processing Equipment..	140	.12	24.25
55314	Personnel Clerks, Except Payroll & Timekeeping......................	160	.14	37.22
55321	File Clerks........................	150	.13	7.33
55323	Order Clerks; Materials, Merchandise, & Service............	450	.39	35.86
55326	Procurement Clerks.................	220	.19	28.15
55328	Statistical Clerks.................	90	.08	10.93
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	1,490	1.28	12.17
55341	Payroll & Timekeeping Clerks........	180	.16	32.82
55344	Billing, Cost & Rate Clerks.........	180	.16	44.72
55347	General Office Clerks..............	2,140	1.85	11.77
56002	Billing, Posting, & Calculating Machine Operators................	30	.03	48.28

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
56011	Computer Operators, Except Peripheral Equipment.............	730	.63	10.21
56017	Data Entry Keyers, Except Composing.	300	.26	26.43
56099	All Other Office Machine Operators..	80	.07	n/a
57102	Switchboard Operators..............	190	.16	27.90
58008	Production, Planning, & Expediting Clerks..........................	2,980	2.57	9.81
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	1,200	1.04	16.09
58028	Traffic, Shipping, & Receiving Clerks..........................	900	.78	22.21
58099	All Other Material Recording, Scheduling, & Distributing Workers	230	.20	n/a
59999	All Other Clerical & Administrative Support Workers..................	230	.20	n/a
61000	First Line Supervisors/Managers, Service.........................	110	.10	n/a
63047	Guards & Watch Guards..............	120	.10	10.67
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	950	.82	14.49
67099	All Other Cleaning & Building Service Workers, Except Private Households......................	50	.04	n/a
69999	All Other Service Workers..........	90	.08	n/a
79014	Gardeners & Groundskeepers, Except Farm............................	60	.05	32.97
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	280	.24	17.05
81008	First Line Supervisors/Managers, Production & Operating Workers....	3,550	3.06	10.58
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand....................	190	.16	12.34
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	70	.06	n/a
83002	Precision Inspectors, Testers, & Graders.........................	2,270	1.96	13.06
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	2,080	1.80	24.39
85110	Machinery Maintenance Mechanics....	620	.54	n/a
85128	Machinery Maintenance Workers.......	20	.02	24.11
85132	Maintenance Repairers, General Utility.........................	650	.56	32.10
85705	Data Processing Equipment Repairers.	360	.31	30.41
85714	Electric Motor, Transformer, & Related Repairers...............	40	.03	40.31

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	60	.05	43.97
85999	All Other Mechanics, Installers, & Repairers	1,630	1.41	n/a
87202	Electricians	320	.28	35.71
87502	Plumbers,Pipefitters, & Steamfitters	30	.03	8.83
87899	All Other Construction Trades Workers	200	.17	n/a
89102	Tool & Die Makers	330	.29	33.89
89108	Machinists	2,260	1.95	20.56
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	320	.28	14.16
89132	Sheet Metal Workers	700	.60	29.63
89199	All Other Precision Metal Workers	60	.05	n/a
89300	Precision Woodworkers	10	.01	n/a
89999	All Other Precision Workers	510	.44	n/a
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	40	.03	42.88
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	150	.13	48.98
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	100	.09	22.53
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic	160	.14	42.08
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic	20	.02	34.96
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic	480	.41	42.03
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	80	.07	33.07
91702	Welding Machine Setters & Set-Up Operators	100	.09	22.62
91711	Soldering & Brazing Machine Operator & Tenders	50	.04	26.16
91902	Plastic Molding & Casting Machine Setters & Set-Up Operators	700	.60	38.79
91908	Metal Molding Coremaking & Casting Machine Setters & Set-Up Operators	60	.05	40.72
91917	Electrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic	270	.23	42.93
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	330	.29	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	1,040	.90	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92510	Printing Press Machine Setters & Set-Up Operators.................	320	.28	n/a
92522	Specialty Materials Printing Machine Setters & Set-Up Operators........	30	.03	23.57
92524	Screen Printing Machine Setters & Set-Up Operators.................	110	.10	43.36
92529	All Other Printing Related Setters & Set-Up Operators.................	30	.03	n/a
92902	Electronic Semiconductor Processors.	4,740	4.09	34.55
92958	Cleaning, Washing, & Pickling Equipment Operators & Tenders..	30	.03	36.20
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders..........................	40	.03	33.60
92997	All Other Machine Setters & Set-Up Operators.......................	270	.23	n/a
92998	All Other Machine Operators & Tenders..........................	1,430	1.24	n/a
93114	Electrical & Electronic Equipment Assemblers, Precision............	8,970	7.74	26.14
93197	All Other Precision Assemblers,Metal	2,240	1.94	n/a
93902	Machine Assemblers.................	210	.18	47.40
93953	Grinding & Polishing Workers, Hand..	80	.07	19.36
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	5,160	4.45	35.58
93999	All Other Hand Workers.............	7,580	6.55	n/a
95032	Stationary Engineers...............	10	.01	20.42
95099	All Other Plant & System Operators..	10	.01	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	120	.10	26.04
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	130	.11	30.95
97199	All Other Motor Vehicle Operators...	20	.02	n/a
97947	Industrial Truck & Tractor Operators	170	.15	37.86
97951	Conveyer Operators & Tenders........	20	.02	44.61
97999	All Other Material Moving Equipment Operators.......................	10	.01	n/a
98102	Mechanic & Repairer Helpers.........	70	.06	43.64
98502	Machine Feeders & Offbearers........	130	.11	21.60
98700	Freight, Stock, & Material Movers, Hand............................	1,380	1.19	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	670	.58	n/a

Table 84
SIC 362
ELECTRICAL INDUSTRIAL APPARATUS

This group includes establishments primarily engaged in manufacturing motors and generators; industrial controls; electric welding apparatus; carbon and graphite products; and industrial and commercial electric apparatus and equipment, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT..................	2,930	100.00	n/a
13002	Financial Managers..................	20	.68	12.31
13008	Purchasing Managers................	10	.34	12.39
13011	Marketing, Advertising, & Public Relations Managers...............	20	.68	24.09
15014	Industrial Production Managers......	20	.68	22.37
19005	General Managers & Top Executives...	70	2.39	10.68
19999	All Other Managers & Administrators.	60	2.05	n/a
21114	Accountants & Auditors.............	40	1.37	14.09
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	40	1.37	10.08
21999	All Other Mgmt Support Workers......	20	.68	n/a
22126	Electrical & Electronic Engineers...	160	5.46	9.93
22128	Industrial Engineers, Except Safety.	40	1.37	21.06
22135	Mechanical Engineers...............	40	1.37	18.96
22505	Electrical & Electronic Engineering Technicians & Technologists.......	140	4.78	19.51
22514	Drafters..........................	110	3.75	11.79
22599	All Other Engineering & Related Technicians & Technologists.......	30	1.02	n/a
25105	Computer Programmers...............	50	1.71	32.24
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	1.02	n/a
49002	Sales Engineers....................	40	1.37	16.92
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	90	3.07	12.26
49008	Other Sales Representatives, Except Retail....................	10	.34	39.79
49999	All Other Sales & Related Workers...	10	.34	n/a
55100	Secretaries........................	90	3.07	n/a
55323	Order Clerks; Materials, Merchandise, & Service...........	20	.68	21.92
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.37	14.68
55341	Payroll & Timekeeping Clerks........	10	.34	32.22
55347	General Office Clerks...............	40	1.37	18.20
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.34	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58008	Production, Planning, & Expediting Clerks	30	1.02	7.35
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	60	2.05	10.41
58028	Traffic, Shipping, & Receiving Clerks	40	1.37	12.88
59999	All Other Clerical & Administrative Support Workers	40	1.37	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	20	.68	27.07
81008	First Line Supervisors/Managers, Production & Operating Workers	130	4.44	6.52
83002	Precision Inspectors, Testers, & Graders	50	1.71	15.69
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	30	1.02	22.47
85000	Mechanics, Installers, & Repairers	40	1.37	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	50	1.71	n/a
89108	Machinists	40	1.37	34.81
89132	Sheet Metal Workers	30	1.02	37.35
89199	All Other Precision Metal Workers	10	.34	n/a
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	60	2.05	34.53
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	30	1.02	28.44
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic	20	.68	39.17
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	80	2.73	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	60	2.05	n/a
92953	Coating, Painting, & Spraying Machine Operators & Tenders	10	.34	29.16
92997	All Other Machine Setters & Set-Up Operators	10	.34	n/a
92998	All Other Machine Operators & Tenders	20	.68	n/a
93111	Electromechanical Equipment Assembers, Precision	40	1.37	36.06
93114	Electrical & Electronic Equipment Assemblers, Precision	140	4.78	28.16
93198	All Other Precision Assemblers, Except Metal	110	3.75	n/a
93905	Electrical & Electronic Assemblers	330	11.26	18.83

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	100	3.41	34.53
93999	All Other Hand Workers.............	30	1.02	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	20	.68	38.87
97999	All Other Material Moving Equipment Operators........................	10	.34	n/a
98102	Mechanic & Repairer Helpers.........	20	.68	48.18
98999	All Other Helpers, Laborers, & Material Movers, Hand............	10	.34	n/a

Table 85
SIC 364
ELECTRIC LIGHTING AND WIRING EQUIPMENT

This group includes establishments primarily engaged in manufacturing electric lamps; current-carrying and noncurrent-carrying wiring devices; residential electric lighting fixtures; commercial, industrial, and institutional electric lighting fixtures; vehicular lighting equipment; and lighting equipment, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	3,340	100.00	n/a
13002	Financial Managers..................	10	.30	25.09
13005	Personnel, Training, & Labor Relations Managers...............	10	.30	13.82
13008	Purchasing Managers.................	10	.30	14.91
15014	Industrial Production Managers......	20	.60	16.96
19005	General Managers & Top Executives...	90	2.69	7.12
19999	All Other Managers & Administrators.	30	.90	n/a
21114	Accountants & Auditors..............	10	.30	17.94
21199	All Other Financial Specialists.....	10	.30	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.60	12.67
21999	All Other Mgmt Support Workers......	20	.60	n/a
22126	Electrical & Electronic Engineers...	40	1.20	35.05
22199	All Other Engineers.................	10	.30	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	60	1.79	44.21
22514	Drafters............................	40	1.20	15.28
22599	All Other Engineering & Related Technicians & Technologists.......	20	.60	n/a
25105	Computer Programmers................	10	.30	24.63
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.60	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	20	.60	43.08
49008	Other Sales Representatives, Except Retail....................	20	.60	20.35
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	20	.60	16.91
55100	Secretaries.........................	50	1.50	n/a
55305	Receptionists & Information Clerks..	10	.30	18.77
55323	Order Clerks; Materials, Merchandise, & Service............	10	.30	18.26
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	30	.90	16.20
55347	General Office Clerks...............	50	1.50	21.13

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
56017	Data Entry Keyers, Except Composing.	20	.60	37.23
56099	All Other Office Machine Operators..	10	.30	n/a
58008	Production, Planning, & Expediting Clerks	30	.90	26.45
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	50	1.50	30.79
58028	Traffic, Shipping, & Receiving Clerks	70	2.10	18.87
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.30	n/a
59999	All Other Clerical & Administrative Support Workers	40	1.20	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	50	1.50	36.39
69999	All Other Service Workers	10	.30	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers	150	4.48	8.14
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	10	.30	34.50
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	20	.60	33.91
83002	Precision Inspectors, Testers, & Graders	40	1.20	41.33
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	60	1.79	26.06
85132	Maintenance Repairers, General Utility	50	1.50	14.63
85999	All Other Mechanics, Installers, & Repairers	30	.90	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	10	.30	n/a
89102	Tool & Die Makers	20	.60	31.04
89132	Sheet Metal Workers	40	1.20	21.21
89199	All Other Precision Metal Workers...	20	.60	n/a
89999	All Other Precision Workers	20	.60	n/a
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	20	.60	30.86
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	20	.60	27.14
91508	Combination Machine Tool Operators & Tenders, Metal & Plastic	30	.90	41.18
91702	Welding Machine Setters & Set-Up Operators	80	2.39	27.95
91705	Welding Machine Operators & Tenders.	10	.30	29.75

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91902	Plastic Molding & Casting Machine Setters & Set-Up Operators........	10	.30	32.60
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	210	6.28	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	120	3.59	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	20	.60	33.06
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	40	1.20	38.82
92974	Packaging & Filling Machine Operators & Tenders..............	30	.90	38.57
92997	All Other Machine Setters & Set-Up Operators.........................	20	.60	n/a
92998	All Other Machine Operators & Tenders..........................	10	.30	n/a
93114	Electrical & Electronic Equipment Assemblers, Precision............	160	4.78	25.72
93197	All Other Precision Assemblers,Metal	100	2.99	n/a
93905	Electrical & Electronic Assemblers..	390	11.67	29.70
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	370	11.07	13.75
93999	All Other Hand Workers.............	80	2.39	n/a
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	30	.90	28.38
97947	Industrial Truck & Tractor Operators	30	.90	33.82
97999	All Other Material Moving Equipment Operators.........................	10	.30	n/a
98502	Machine Feeders & Offbearers........	50	1.50	36.38
98700	Freight, Stock, & Material Movers, Hand............................	60	1.79	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	40	1.20	n/a

Table 86
SIC 365
RADIO AND TELEVISION RECEIVING EQUIPMENT, EXCEPT COMMUNICATION TYPES

This group includes establishments primarily engaged in manufacturing electronic equipment for home entertainment, including auto radios and tape players; public address systems and music distribution apparatus; and phonograph records and prerecorded magnetic tape.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	2,600	100.00	n/a
15014	Industrial Production Managers......	10	.38	16.36
19005	General Managers & Top Executives...	40	1.54	6.01
19999	All Other Managers & Administrators.	40	1.54	n/a
21114	Accountants & Auditors..............	10	.38	17.13
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	20	.77	11.02
21999	All Other Mgmt Support Workers......	20	.77	n/a
22126	Electrical & Electronic Engineers...	40	1.54	9.72
22135	Mechanical Engineers................	20	.77	29.64
22199	All Other Engineers.................	20	.77	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	60	2.31	28.45
22599	All Other Engineering & Related Technicians & Technologists.......	10	.38	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	40	1.54	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	10	.38	26.39
49008	Other Sales Representatives, Except Retail....................	20	.77	25.29
55100	Secretaries.........................	40	1.54	n/a
55323	Order Clerks; Materials, Merchandise, & Service............	10	.38	26.98
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	30	1.15	17.13
55347	General Office Clerks...............	20	.77	28.81
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.38	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	30	1.15	7.24
58028	Traffic, Shipping, & Receiving Clerks..........................	40	1.54	15.11
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.77	n/a
59999	All Other Clerical & Administrative Support Workers..................	20	.77	n/a
63047	Guards & Watch Guards...............	20	.77	15.11

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	30	1.15	13.02
69999	All Other Service Workers...........	10	.38	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	80	3.09	6.81
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand.....................	20	.77	5.69
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.38	n/a
83002	Precision Inspectors, Testers, & Graders.........................	50	1.92	20.60
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	70	2.69	n/a
85132	Maintenance Repairers, General Utility..........................	40	1.54	9.27
85999	All Other Mechanics, Installers, & Repairers........................	80	3.09	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving...........................	10	.38	n/a
89000	Precision Production Occupations....	20	.77	n/a
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	20	.77	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	10	.38	n/a
92974	Packaging & Filling Machine Operators & Tenders..............	30	1.15	27.98
92997	All Other Machine Setters & Set-Up Operators.......................	20	.77	n/a
92998	All Other Machine Operators & Tenders..........................	160	6.16	n/a
93114	Electrical & Electronic Equipment Assemblers, Precision............	30	1.15	49.44
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	970	37.31	15.67
93999	All Other Hand Workers.............	160	6.16	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	90	3.47	n/a
98502	Machine Feeders & Offbearers........	20	.77	37.35
98700	Freight, Stock, & Material Movers, Hand............................	10	.38	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	60	2.31	n/a

Table 87
SIC 367
ELECTRONIC COMPONENTS AND ACCESSORIES

This group includes establishments primarily engaged in manufacturing radio and television receiving type electron tubes and cathode ray tubes; transmitting, industrial, and special purpose electron tubes; and semiconductors and related devices. It also includes capacitors; resistors; coils; transformers; inductors; connectors; and electronic components, not elsewhere classified, such as receiving antennas, printed circuits, and waveguides.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	71,460	100.00	n/a
13002	Financial Managers..................	420	.59	4.30
13005	Personnel, Training, & Labor Relations Managers................	140	.20	11.80
13008	Purchasing Managers.................	80	.11	14.49
13011	Marketing, Advertising, & Public Relations Managers................	520	.73	4.70
13014	Administrative Services Managers....	110	.15	6.27
15014	Industrial Production Managers......	410	.57	4.30
19005	General Managers & Top Executives...	410	.57	24.51
19999	All Other Managers & Administrators.	2,110	2.95	n/a
21114	Accountants & Auditors..............	610	.85	5.89
21117	Budget Analysts.....................	40	.06	7.29
21199	All Other Financial Specialists.....	100	.14	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	280	.39	20.60
21511	Personnel, Training, & Labor Relations Specialists.............	210	.29	3.07
21902	Cost Estimators.....................	80	.11	8.77
21999	All Other Mgmt Support Workers......	1,000	1.39	n/a
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers....	100	.14	17.84
22126	Electrical & Electronic Engineers...	7,010	9.81	2.03
22128	Industrial Engineers, Except Safety.	1,370	1.92	9.42
22135	Mechanical Engineers................	600	.84	9.20
22199	All Other Engineers.................	990	1.39	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	3,920	5.49	7.50
22508	Industrial Engineering Technicians & Technologists...................	1,120	1.57	9.19
22511	Mechanical Engineering Technicians & Technologists..................	2,010	2.81	10.26
22514	Drafters............................	1,240	1.73	7.78
22599	All Other Engineering & Related Technicians & Technologists.......	1,780	2.49	n/a
24100	Physical Scientists.................	50	.07	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24505	Chemical Technicians & Technologists, Except Health......	170	.24	11.91
25102	Systems Analysts, E.D.P............	900	1.26	9.97
25105	Computer Programmers...............	940	1.32	8.16
25111	Programmers; Numerical, Tool, & Process Control..................	70	.10	18.36
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations......................	70	.10	n/a
34005	Technical Writers..................	100	.14	6.45
34038	Designers, Except Interior Designers	30	.04	17.74
39999	All Other Professional, Paraprofessional, & Technical Workers.......	600	.84	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	80	.11	18.11
49002	Sales Engineers....................	80	.11	15.73
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	450	.63	8.05
49999	All Other Sales & Related Workers...	110	.15	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	640	.90	5.93
55100	Secretaries........................	1,290	1.81	n/a
55305	Receptionists & Information Clerks..	40	.06	39.34
55314	Personnel Clerks, Except Payroll & Timekeeping.....................	70	.10	25.42
55326	Procurement Clerks.................	90	.13	10.43
55328	Statistical Clerks.................	60	.08	8.72
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	1,010	1.41	8.77
55344	Billing, Cost & Rate Clerks.........	50	.07	40.78
55347	General Office Clerks..............	1,520	2.13	9.77
56011	Computer Operators, Except Peripheral Equipment.............	590	.83	7.72
56017	Data Entry Keyers, Except Composing.	110	.15	18.97
56099	All Other Office Machine Operators..	20	.03	n/a
57102	Switchboard Operators..............	130	.18	6.45
58008	Production, Planning, & Expediting Clerks..........................	2,390	3.34	7.25
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard.................	500	.70	10.66
58028	Traffic, Shipping, & Receiving Clerks..........................	400	.56	17.89
58099	All Other Material Recording, Scheduling, & Distributing Workers	130	.18	n/a
59999	All Other Clerical & Administrative Support Workers..................	420	.59	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
61000	First Line Supervisors/Managers, Service........................	50	.07	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	560	.78	8.63
70000	Agricultural, Forestry, Fishing, & Related Occupations...............	30	.04	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	180	.25	4.47
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers.........................	20	.03	11.00
81008	First Line Supervisors/Managers, Production & Operating Workers....	2,120	2.97	7.59
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	150	.21	n/a
83002	Precision Inspectors, Testers, & Graders..........................	1,170	1.64	10.12
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	1,290	1.81	33.02
85110	Machinery Maintenance Mechanics....	440	.62	n/a
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers.......................	50	.07	5.72
85999	All Other Mechanics, Installers, & Repairers.......................	1,360	1.90	n/a
87102	Carpenters.........................	30	.04	8.72
87202	Electricians.......................	70	.10	8.80
87999	All Other Extractive Workers, Except Helpers..........................	60	.08	n/a
89102	Tool & Die Makers..................	210	.29	34.27
89108	Machinists.........................	1,700	2.38	10.09
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	310	.43	8.34
89999	All Other Precision Workers.........	760	1.06	n/a
91902	Plastic Molding & Casting Machine Setters & Set-Up Operators........	630	.88	5.82
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	320	.45	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	920	1.29	n/a
92524	Screen Printing Machine Setters & Set-Up Operators.................	110	.15	44.14
92529	All Other Printing Related Setters & Set-Up Operators.................	270	.38	n/a
92902	Electronic Semiconductor Processors.	4,740	6.63	34.55
92997	All Other Machine Setters & Set-Up Operators........................	90	.13	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92998	All Other Machine Operators & Tenders..........................	900	1.26	n/a
93114	Electrical & Electronic Equipment Assemblers, Precision.............	6,780	9.49	7.09
93197	All Other Precision Assemblers,Metal	990	1.39	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	1,310	1.83	35.71
93999	All Other Hand Workers.............	2,560	3.58	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	20	.03	n/a
98700	Freight, Stock, & Material Movers, Hand............................	1,120	1.57	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	370	.52	n/a

Table 88
SIC 369
MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

This group includes establishments primarily engaged in manufacturing storage batteries; dry and wet primary batteries; radiographic, fluoroscopic, therapeutic, and other x-ray apparatus and tubes; and electromedical and electrotherapeutic apparatus. Also included are establishments manufacturing electrical equipment for internal combustion engines; and electrical machinery, equipment, and supplies, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	6,110	100.00	n/a
13002	Financial Managers..................	30	.49	6.18
13005	Personnel, Training, & Labor Relations Managers................	10	.16	9.47
13008	Purchasing Managers................	10	.16	15.56
13011	Marketing, Advertising, & Public Relations Managers................	20	.33	22.98
13014	Administrative Services Managers....	20	.33	27.31
15014	Industrial Production Managers......	30	.49	12.76
19005	General Managers & Top Executives...	150	2.46	14.96
19999	All Other Managers & Administrators.	100	1.64	n/a
21114	Accountants & Auditors..............	30	.49	8.41
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	40	.65	12.51
21511	Personnel, Training, & Labor Relations Specialists............	10	.16	11.01
21999	All Other Mgmt Support Workers......	60	.98	n/a
22114	Chemical Engineers..................	10	.16	32.98
22126	Electrical & Electronic Engineers...	160	2.62	3.72
22128	Industrial Engineers, Except Safety.	20	.33	21.54
22135	Mechanical Engineers................	20	.33	11.35
22199	All Other Engineers.................	30	.49	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	130	2.13	16.75
22514	Drafters............................	60	.98	8.27
22599	All Other Engineering & Related Technicians & Technologists.......	10	.16	n/a
24100	Physical Scientists.................	10	.16	n/a
25102	Systems Analysts, E.D.P.............	20	.33	14.70
25105	Computer Programmers................	10	.16	11.78
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations.....................	20	.33	n/a
34005	Technical Writers...................	10	.16	19.69
39999	All Other Professional, Paraprofessional, & Technical Workers.......	80	1.31	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	10	.16	18.28
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	80	1.31	26.24
49008	Other Sales Representatives, Except Retail....................	40	.65	29.19
49999	All Other Sales & Related Workers...	20	.33	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	30	.49	17.20
55100	Secretaries........................	150	2.46	n/a
55308	Typists............................	20	.33	18.23
55314	Personnel Clerks, Except Payroll & Timekeeping.....................	10	.16	14.98
55323	Order Clerks; Materials, Merchandise, & Service............	40	.65	25.70
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	80	1.31	20.55
55341	Payroll & Timekeeping Clerks........	20	.33	15.30
55344	Billing, Cost & Rate Clerks.........	10	.16	18.38
55347	General Office Clerks..............	140	2.30	13.25
56017	Data Entry Keyers, Except Composing.	10	.16	17.86
56099	All Other Office Machine Operators..	60	.98	n/a
57102	Switchboard Operators..............	10	.16	10.52
58008	Production, Planning, & Expediting Clerks..........................	50	.82	7.13
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	60	.98	16.64
58028	Traffic, Shipping, & Receiving Clerks..........................	70	1.15	24.90
59999	All Other Clerical & Administrative Support Workers..................	20	.33	n/a
61000	First Line Supervisors/Managers, Service..........................	30	.49	n/a
63047	Guards & Watch Guards..............	40	.65	5.45
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	60	.98	15.90
67099	All Other Cleaning & Building Service Workers, Except Private Households.......................	40	.65	n/a
69999	All Other Service Workers...........	10	.16	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.16	21.32
81008	First Line Supervisors/Managers, Production & Operating Workers....	310	5.08	8.10
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	10	.16	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83002	Precision Inspectors, Testers, & Graders	130	2.13	16.25
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	160	2.62	13.23
85110	Machinery Maintenance Mechanics	70	1.15	n/a
85132	Maintenance Repairers, General Utility	60	.98	26.00
85999	All Other Mechanics, Installers, & Repairers	100	1.64	n/a
87202	Electricians	20	.33	16.93
87999	All Other Extractive Workers, Except Helpers	30	.49	n/a
89000	Precision Production Occupations	180	2.96	n/a
91708	Soldering & Brazing Machine Setters & Set-Up Operators	10	.16	44.18
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	60	.98	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	70	1.15	n/a
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	10	.16	39.62
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	10	.16	27.24
92974	Packaging & Filling Machine Operators & Tenders	30	.49	34.72
92997	All Other Machine Setters & Set-Up Operators	40	.65	n/a
92998	All Other Machine Operators & Tenders	100	1.64	n/a
93114	Electrical & Electronic Equipment Assemblers, Precision	130	2.13	40.70
93902	Machine Assemblers	10	.16	43.33
93905	Electrical & Electronic Assemblers	790	12.94	22.04
93908	Coil Winders, Tapers, & Finishers	80	1.31	37.93
93917	Solderers & Brazers	50	.82	36.87
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	960	15.72	19.75
93999	All Other Hand Workers	140	2.30	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	30	.49	19.71
97199	All Other Motor Vehicle Operators	60	.98	n/a
97947	Industrial Truck & Tractor Operators	40	.65	26.69
98700	Freight, Stock, & Material Movers, Hand	40	.65	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	160	2.62	n/a

Table 89
SIC 37
TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Products manufactured are motor vehicles, aircraft, guided missiles and space vehicles, ships, boats, railroad equipment, motorcycles, bicycles, and snowmobiles.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	69,730	100.00	n/a
13002	Financial Managers	220	.32	19.95
13005	Personnel, Training, & Labor Relations Managers	130	.19	18.67
13008	Purchasing Managers	210	.30	20.69
13011	Marketing, Advertising, & Public Relations Managers	290	.42	20.07
13014	Administrative Services Managers	280	.40	28.42
15014	Industrial Production Managers	460	.66	8.61
19005	General Managers & Top Executives	910	1.31	24.46
19999	All Other Managers & Administrators	1,380	1.98	n/a
21114	Accountants & Auditors	350	.50	9.51
21117	Budget Analysts	110	.16	8.91
21199	All Other Financial Specialists	130	.19	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	650	.93	8.56
21511	Personnel, Training, & Labor Relations Specialists	180	.26	7.82
21902	Cost Estimators	240	.34	9.19
21999	All Other Mgmt Support Workers	1,140	1.63	n/a
22102	Aeronautical & Astronautical Engineers	3,100	4.45	5.31
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers	40	.06	4.87
22114	Chemical Engineers	140	.20	18.26
22121	Civil Engineers, Including Traffic	90	.13	19.26
22126	Electrical & Electronic Engineers	1,020	1.46	6.32
22128	Industrial Engineers, Except Safety	1,620	2.32	4.37
22132	Safety Engineers, Except Mining	20	.03	3.90
22135	Mechanical Engineers	520	.75	16.23
22199	All Other Engineers	1,800	2.58	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	430	.62	7.51
22508	Industrial Engineering Technicians & Technologists	280	.40	8.92
22514	Drafters	560	.80	15.12
22599	All Other Engineering & Related Technicians & Technologists	1,330	1.91	n/a
24105	Chemists, Except Biochemists	50	.07	7.50

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24199	All Other Physical Scientists.......	40	.06	n/a
24505	Chemical Technicians & Technologists, Except Health......	50	.07	13.46
24599	All Other Physical & Life Science Technicians & Technologists.......	160	.23	n/a
25102	Systems Analysts, E.D.P............	120	.17	6.74
25105	Computer Programmers................	490	.70	4.39
25111	Programmers; Numerical, Tool, & Process Control..................	60	.09	4.02
25302	Operations & Systems Researchers & Analysts, Except Computer.........	80	11	4.92
25319	All Other Mathematical Scientists...	100	.14	n/a
34002	Writers & Editors..................	40	.06	7.76
34038	Designers, Except Interior Designers	90	.13	9.18
39999	All Other Professional, Paraprofessional, & Technical Workers.......	1,430	2.05	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail.....................	230	.33	41.73
49999	All Other Sales & Related Workers...	730	1.05	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	330	.47	17.87
55100	Secretaries.........................	1,560	2.24	n/a
55302	Stenographers......................	540	.77	6.29
55305	Receptionists & Information Clerks..	50	.07	46.97
55308	Typists............................	350	.50	23.09
55311	Typists, Word Processing Equipment..	60	.09	7.12
55314	Personnel Clerks, Except Payroll & Timekeeping......................	100	.14	26.33
55321	File Clerks........................	160	.23	21.07
55328	Statistical Clerks.................	130	.19	6.69
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	560	.80	23.03
55341	Payroll & Timekeeping Clerks........	130	.19	18.02
55344	Billing, Cost & Rate Clerks.........	160	.23	11.71
55347	General Office Clerks..............	960	1.38	14.71
56011	Computer Operators, Except Peripheral Equipment.............	150	.22	14.10
56014	Peripheral EDP Equipment Operators..	80	.11	9.26
56017	Data Entry Keyers, Except Composing.	220	.32	25.28
56099	All Other Office Machine Operators..	140	.20	n/a
57102	Switchboard Operators..............	60	.09	26.15
58005	Dispatchers, Except Police, Fire, & Ambulance......................	160	.23	21.88
58008	Production, Planning, & Expediting Clerks...........................	1,220	1.75	9.26
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	1,420	2.04	16.17

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58028	Traffic, Shipping, & Receiving Clerks	610	.87	18.71
58099	All Other Material Recording, Scheduling, & Distributing Workers	50	.07	n/a
59999	All Other Clerical & Administrative Support Workers	890	1.28	n/a
61000	First Line Supervisors/Managers, Service	70	.10	n/a
63047	Guards & Watch Guards	410	.59	24.80
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	600	.86	14.47
67099	All Other Cleaning & Building Service Workers, Except Private Households	20	.03	n/a
69999	All Other Service Workers	90	.13	n/a
79014	Gardeners & Groundskeepers, Except Farm	90	.13	21.59
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	430	.62	37.45
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	100	.14	17.10
81008	First Line Supervisors/Managers, Production & Operating Workers	2,200	3.16	15.29
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	50	.07	29.19
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	140	.20	36.32
83002	Precision Inspectors, Testers, & Graders	700	1.00	17.41
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	1,280	1.84	8.62
83008	Transportation Inspectors	80	.11	22.94
85123	Millwrights	40	.06	43.25
85128	Machinery Maintenance Workers	100	.14	49.58
85132	Maintenance Repairers, General Utility	460	.66	27.23
85317	Rail Car Repairers	420	.60	19.54
85323	Aircraft Mechanics	1,060	1.52	22.06
85326	Aircraft Engine Specialists	70	.10	25.98
85717	Electronics Repairers, Commercial & Industrial Equipment	180	.26	8.23
85728	Electrical Installers & Repairers, Transportation Equipment	280	.40	25.67

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85902	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	20	.03	7.31
85905	Precision Instrument Repairers	120	.17	6.43
85935	Riggers	80	.11	22.12
85999	All Other Mechanics, Installers, & Repairers	1,710	2.45	n/a
87102	Carpenters	230	.33	35.66
87202	Electricians	420	.60	20.51
87402	Painters & Paperhangers, Construction & Maintenance	240	.34	31.78
87502	Plumbers,Pipefitters, & Steamfitters	210	.30	35.79
87899	All Other Construction Trades Workers	250	.36	n/a
89102	Tool & Die Makers	490	.70	3.97
89108	Machinists	1,430	2.05	33.79
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	120	.17	23.33
89117	Precision Layout Workers, Metal	200	.29	9.71
89121	Shipfitters	510	.73	15.90
89199	All Other Precision Metal Workers	1,030	1.48	n/a
89302	Pattern & Model Makers, Wood	150	.22	9.35
89399	All Other Precision Woodworkers	40	.06	n/a
89999	All Other Precision Workers	60	.09	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	510	.73	43.60
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	250	.36	37.20
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic	620	.89	8.58
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	90	.13	45.67
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic	20	.03	7.91
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic	230	.33	11.10
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic	70	.10	45.37
91705	Welding Machine Operators & Tenders	560	.80	48.03
91908	Metal Molding Coremaking & Casting Machine Setters & Set-Up Operators	50	.07	2.76
91917	Electrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic	40	.06	27.52

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91921	Electrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic..........................	90	.13	20.60
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic..................	50	.07	7.75
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	990	1.42	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	1,040	1.49	n/a
92947	Painters, Transportation Equipment..	690	.99	47.66
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	410	.59	40.91
92997	All Other Machine Setters & Set-Up Operators.........................	510	.73	n/a
92998	All Other Machine Operators & Tenders.........................	440	.63	n/a
93102	Aircraft Structure, Surfaces, Rigging & Systems Assembler, Precision.........................	2,710	3.89	4.11
93111	Electromechanical Equipment Assembers, Precision.............	130	.19	22.78
93114	Electrical & Electronic Equipment Assemblers, Precision............	1,400	2.01	6.45
93197	All Other Precision Assemblers,Metal	230	.33	n/a
93914	Welders & Cutters..................	2,160	3.09	31.49
93917	Solderers & Brazers................	10	.01	26.92
93953	Grinding & Polishing Workers, Hand..	230	.33	16.96
93999	All Other Hand Workers.............	5,430	7.79	n/a
95032	Stationary Engineers...............	110	.16	9.89
95099	All Other Plant & System Operators..	30	.04	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	550	.79	n/a
97899	All Other Transportation & Related Workers..........................	20	.03	n/a
97941	Hoist & Winch Operators............	30	.04	34.24
97944	Crane & Tower Operators............	80	.11	10.18
97947	Industrial Truck & Tractor Operators	240	.34	39.26
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	2,140	3.06	n/a

Table 90
SIC 372
AIRCRAFT AND PARTS

This group includes establishments primarily engaged in manufacturing or assembling complete aircraft, aircraft engines and engine parts, and aircraft parts and auxiliary equipment, not elsewhere classified. Research and development is also included in this industry group. Excluded are primary manufacturers of aeronautical instruments, aeronautical electrical equipment, and guided missile and space vehicle parts.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	37,170	100.00	n/a
13002	Financial Managers..................	80	.22	8.21
13005	Personnel, Training, & Labor Relations Managers................	50	.13	9.66
13008	Purchasing Managers.................	60	.16	6.34
13011	Marketing, Advertising, & Public Relations Managers................	120	.32	15.92
13014	Administrative Services Managers....	120	.32	3.66
15014	Industrial Production Managers......	280	.75	2.26
19005	General Managers & Top Executives...	260	.70	22.45
19999	All Other Managers & Administrators.	940	2.53	n/a
21114	Accountants & Auditors.............	210	.56	4.64
21117	Budget Analysts....................	100	.27	6.56
21199	All Other Financial Specialists.....	90	.24	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	410	1.10	9.53
21511	Personnel, Training, & Labor Relations Specialists............	120	.32	4.79
21902	Cost Estimators....................	160	.43	4.54
21999	All Other Mgmt Support Workers......	1,100	2.96	n/a
22102	Aeronautical & Astronautical Engineers.........................	2,830	7.61	5.82
22105	Metallurgists & Metallurgical, Ceramic, & Materials Engineers....	20	.05	9.32
22114	Chemical Engineers.................	130	.35	19.36
22121	Civil Engineers, Including Traffic..	30	.08	18.02
22126	Electrical & Electronic Engineers...	870	2.34	7.07
22128	Industrial Engineers, Except Safety.	790	2.13	7.06
22132	Safety Engineers, Except Mining.....	10	.03	3.99
22135	Mechanical Engineers...............	340	.91	11.01
22199	All Other Engineers................	1,670	4.49	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	290	.78	6.73
22514	Drafters...........................	380	1.02	7.26
22599	All Other Engineering & Related Technicians & Technologists.......	690	1.86	n/a
24100	Physical Scientists................	40	.11	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24505	Chemical Technicians & Technologists, Except Health	40	.11	17.00
24599	All Other Physical & Life Science Technicians & Technologists	90	.24	n/a
25102	Systems Analysts, E.D.P.	100	.27	4.51
25105	Computer Programmers	290	.78	3.11
25108	Computer Programmer Aides	10	.03	19.07
25111	Programmers; Numerical, Tool, & Process Control	40	.11	5.71
25302	Operations & Systems Researchers & Analysts, Except Computer	60	.16	6.36
32000	Health Practitioners, Technologists, Technicians, & Related Health Occupations	20	.05	n/a
34002	Writers & Editors	20	.05	16.89
34005	Technical Writers	390	1.05	6.29
34038	Designers, Except Interior Designers	40	.11	20.47
39999	All Other Professional, Paraprofessional, & Technical Workers	730	1.96	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	70	.19	22.85
49999	All Other Sales & Related Workers	80	.22	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	250	.67	12.87
55100	Secretaries	780	2.10	n/a
55302	Stenographers	510	1.37	5.47
55305	Receptionists & Information Clerks	10	.03	21.41
55308	Typists	260	.70	4.62
55311	Typists, Word Processing Equipment	30	.08	13.78
55314	Personnel Clerks, Except Payroll & Timekeeping	50	.13	9.26
55321	File Clerks	70	.19	8.58
55323	Order Clerks; Materials, Merchandise, & Service	50	.13	14.22
55326	Procurement Clerks	10	.03	24.45
55338	Bookkeeping, Accounting, & Auditing Clerks	200	.54	13.44
55341	Payroll & Timekeeping Clerks	80	.22	9.56
55344	Billing, Cost & Rate Clerks	100	.27	5.99
55347	General Office Clerks	570	1.53	7.91
56011	Computer Operators, Except Peripheral Equipment	100	.27	8.35
56017	Data Entry Keyers, Except Composing	120	.32	5.42
56099	All Other Office Machine Operators	200	.54	n/a
57102	Switchboard Operators	30	.08	17.64
58005	Dispatchers, Except Police, Fire, & Ambulance	160	.43	22.45

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58008	Production, Planning, & Expediting Clerks	730	1.96	11.77
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	750	2.02	2.10
58028	Traffic, Shipping, & Receiving Clerks	290	.78	15.35
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.05	n/a
59999	All Other Clerical & Administrative Support Workers	630	1.69	n/a
61000	First Line Supervisors/Managers, Service	50	.13	n/a
63047	Guards & Watch Guards	270	.73	11.06
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	240	.65	17.57
67099	All Other Cleaning & Building Service Workers, Except Private Households	10	.03	n/a
69999	All Other Service Workers	80	.22	n/a
79014	Gardeners & Groundskeepers, Except Farm	90	.24	19.82
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	270	.73	11.93
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	30	.08	11.45
81008	First Line Supervisors/Managers, Production & Operating Workers	950	2.56	6.57
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	20	.05	4.88
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	30	.08	7.60
83002	Precision Inspectors, Testers, & Graders	410	1.10	13.08
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	940	2.53	4.64
83099	All Other Inspectors, Testers, & Related Occupations	60	.16	n/a
85110	Machinery Maintenance Mechanics	160	.43	n/a
85128	Machinery Maintenance Workers	50	.13	17.33
85132	Maintenance Repairers, General Utility	210	.56	15.97
85302	Automotive Mechanics	30	.08	13.95
85323	Aircraft Mechanics	1,010	2.72	23.17
85326	Aircraft Engine Specialists	70	.19	26.38

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85717	Electronics Repairers, Commercial & Industrial Equipment.............	170	.46	8.71
85728	Electrical Installers & Repairers, Transportation Equipment..........	240	.65	15.78
85905	Precision Instrument Repairers......	110	.30	7.04
85999	All Other Mechanics, Installers, & Repairers........................	850	2.29	n/a
87102	Carpenters..........................	50	.13	8.57
87202	Electricians........................	150	.40	7.48
87402	Painters & Paperhangers, Construction & Maintenance........	40	.11	2.55
87899	All Other Construction Trades Workers..........................	170	.46	n/a
89102	Tool & Die Makers...................	260	.70	4.21
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders..........	120	.32	23.72
89117	Precision Layout Workers, Metal.....	100	.27	14.15
89132	Sheet Metal Workers.................	400	1.08	33.26
89199	All Other Precision Metal Workers...	520	1.40	n/a
89302	Pattern & Model Makers, Wood........	140	.38	9.60
89399	All Other Precision Woodworkers.....	40	.11	n/a
89999	All Other Precision Workers.........	60	.16	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic........	70	.19	19.66
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	390	1.05	43.42
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic........................	200	.54	21.87
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	400	1.08	8.27
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic...................	70	.19	28.47
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	50	.13	30.74
91305	Press & Press Brake Machine Setters & Set-Up Operators, Metal & Plastic........................	60	.16	29.34
91317	Forging Machine Setters & Set-Up Operators, Metal & Plastic........	10	.03	12.77
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic..........................	190	.51	11.78
91505	Combination Machine Tool Setters & Set-Up Operators, Metal & Plastic.	50	.13	40.29
91702	Welding Machine Setters & Set-Up Operators........................	70	.19	44.95

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91917	Electrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic........	30	.08	35.61
91921	Electrolytic Plating & Coating Machine Operators & Tenders, Metal & Plastic..........................	90	.24	20.60
91932	Heat Treating, Annealing, & Tempering Machine Operators & Tenders, Metal & Plastic..................	30	.08	11.14
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	70	.19	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders..............	460	1.24	n/a
92947	Painters, Transportation Equipment..	390	1.05	7.26
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	40	.11	47.22
92997	All Other Machine Setters & Set-Up Operators.........................	140	.38	n/a
92998	All Other Machine Operators & Tenders..........................	100	.27	n/a
93102	Aircraft Structure, Surfaces, Rigging & Systems Assembler, Precision........................	2,260	6.08	4.92
93111	Electromechanical Equipment Assembers, Precision.............	120	.32	18.18
93114	Electrical & Electronic Equipment Assemblers, Precision............	1,010	2.72	6.44
93197	All Other Precision Assemblers,Metal	30	.08	n/a
93914	Welders & Cutters.................	170	.46	24.09
93953	Grinding & Polishing Workers, Hand..	120	.32	22.50
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	450	1.21	39.21
93999	All Other Hand Workers.............	470	1.26	n/a
95032	Stationary Engineers...............	50	.13	8.25
95099	All Other Plant & System Operators..	10	.03	n/a
97102	Truck Drivers, Heavy or Tractor Trailer.........................	30	.08	27.91
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	40	.11	14.47
97199	All Other Motor Vehicle Operators...	60	.16	n/a
97899	All Other Transportation & Related Workers.........................	10	.03	n/a
97947	Industrial Truck & Tractor Operators	60	.16	7.43
97999	All Other Material Moving Equipment Operators........................	20	.05	n/a
98102	Mechanic & Repairer Helpers.........	40	.11	20.20
98700	Freight, Stock, & Material Movers, Hand............................	80	.22	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
98999	All Other Helpers, Laborers, & Material Movers, Hand.............	660	1.78	n/a

Table 91
SIC 373
SHIP AND BOAT BUILDING AND REPAIRING

This group includes establishments primarily engaged in building and repairing all types of boats, ships, barges, and lighters, whether propelled by sail, motor power, or towed by other craft. Also included is the conversion and alteration of ships. Excluded are primary manufacturers of rubber and nonrigid plastic boats; fabricators of structural assemblies or components for ships, or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installation, etc.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	4,920	100.00	n/a
13002	Financial Managers..................	20	.41	40.95
13008	Purchasing Managers.................	10	.20	39.15
15014		20	.41	19.17
19005	General Managers & Top Executives...	130	2.64	20.98
19999	All Other Managers & Administrators.	50	1.02	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	30	.61	22.55
21511	Personnel, Training, & Labor Relations Specialists............	10	.20	34.35
21902	Cost Estimators.....................	20	.41	24.94
22100	Engineers...........................	50	1.02	n/a
22514	Drafters............................	30	.61	16.88
39999	All Other Professional, Paraprofessional, & Technical Workers.......	20	.41	n/a
40000	Sales & Related Occupations.........	20	.41	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	10	.20	12.04
55100	Secretaries.........................	90	1.83	27.77
55344	Billing, Cost & Rate Clerks.........	10	.20	12.25
55347	General Office Clerks...............	30	.61	25.14
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.20	n/a
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	60	1.22	24.22
58028	Traffic, Shipping, & Receiving Clerks...........................	20	.41	33.23
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.41	n/a
59999	All Other Clerical & Administrative Support Workers..................	70	1.42	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	70	1.42	49.10
69999	All Other Service Workers...........	90	1.83	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81005	First Line Supervisors/Managers; Construction Trades & Extractive Workers	60	1.22	20.84
81008	First Line Supervisors/Managers, Production & Operating Workers	180	3.66	18.95
81011	First Line Supervisors/Managers, Transportation & Material Moving Machine & Vehicle Occupations	10	.20	31.16
81017	First Line Supervisors/Managers; Helpers, Laborers, & Material Movers, Hand	40	.81	24.52
81099	All Other First Line Supervisors/Managers; Production,Construction, Maintenance & Related Occupations.	10	.20	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	20	.41	25.48
83099	All Other Inspectors, Testers, & Related Occupations	10	.20	n/a
85132	Maintenance Repairers, General Utility	40	.81	29.81
85935	Riggers	60	1.22	29.04
85999	All Other Mechanics, Installers, & Repairers	60	1.22	n/a
87102	Carpenters	120	2.44	26.35
87202	Electricians	110	2.24	16.01
87402	Painters & Paperhangers, Construction & Maintenance	140	2.85	48.37
87502	Plumbers,Pipefitters, & Steamfitters	120	2.44	10.10
87899	All Other Construction Trades Workers	100	2.03	n/a
89121	Shipfitters	500	10.16	16.33
89302	Pattern & Model Makers, Wood	10	.20	42.67
89999	All Other Precision Workers	390	7.92	n/a
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	100	2.03	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	100	2.03	n/a
92997	All Other Machine Setters & Set-Up Operators	30	.61	n/a
92998	All Other Machine Operators & Tenders	150	3.05	n/a
93914	Welders & Cutters	740	15.04	9.14
93999	All Other Hand Workers	430	8.74	n/a
95000	Plant & System Occupations	20	.41	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	30	.61	33.91
97899	All Other Transportation & Related Workers	20	.41	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97941	Hoist & Winch Operators............	20	.41	32.17
97944	Crane & Tower Operators............	60	1.22	13.67
97999	All Other Material Moving Equipment Operators........................	10	.20	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	340	6.91	n/a

Table 92
SIC 374
RAILROAD EQUIPMENT

This group includes establishments primarily engaged in building and rebuilding locomotives (including frames and parts, not elsewhere classified) of any type or gage; and railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service. This industry also includes establishments primarily engaged in manufacturing trackless trolley buses.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	1,440	100.00	n/a
15014	Industrial Production Managers......	10	.69	21.77
19005	General Managers & Top Executives...	30	2.09	8.27
19999	All Other Managers & Administrators.	40	2.78	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	10	.69	9.31
22100	Engineers..........................	10	.69	n/a
22500	Engineering & Related Technicians & Technologists..................	10	.69	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.69	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	20	1.39	25.88
49008	Other Sales Representatives, Except Retail....................	10	.69	11.76
55100	Secretaries........................	30	2.09	10.97
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	10	.69	10.34
55344	Billing, Cost & Rate Clerks.........	10	.69	30.78
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.69	n/a
58000	Material Recording, Scheduling, Dispatching, & Distributing Occupations........................	20	1.39	n/a
59999	All Other Clerical & Administrative Support Workers..................	30	2.09	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	10	.69	17.17
69999	All Other Service Workers...........	10	.69	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	50	3.47	11.90
81008	First Line Supervisors/Managers, Production & Operating Workers....	40	2.78	10.39
83002	Precision Inspectors, Testers, & Graders..........................	20	1.39	21.07

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	10	.69	25.24
83099	All Other Inspectors, Testers, & Related Occupations	20	1.39	n/a
85110	Machinery Maintenance Mechanics	10	.69	37.76
85132	Maintenance Repairers, General Utility	30	2.09	15.81
85317	Rail Car Repairers	420	29.17	19.54
85999	All Other Mechanics, Installers, & Repairers	40	2.78	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving	30	2.09	n/a
89108	Machinists	20	1.39	37.50
89999	All Other Precision Workers	10	.69	n/a
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	30	2.09	18.62
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	40	2.78	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	120	8.33	n/a
92953	Coating, Painting, & Spraying Machine Operators & Tenders	30	2.09	6.93
92998	All Other Machine Operators & Tenders	10	.69	n/a
93914	Welders & Cutters	140	9.72	14.83
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	30	2.09	27.84
97947	Industrial Truck & Tractor Operators	20	1.39	12.24
98700	Freight, Stock, & Material Movers, Hand	10	.69	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand	30	2.09	n/a

Table 93
SIC 376
GUIDED MISSILES AND SPACE VEHICLES AND PARTS

This group includes establishments primarily engaged in manufacturing guided missiles, space vehicles, parts, and auxiliary equipment such as propulsion units and parts, airframe assemblies, and space capsules. Research and development and other services on or for guided missiles and space vehicles are also included in this industry.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	9,940	100.00	n/a
13005	Personnel, Training, & Labor Relations Managers	40	.40	.24
13008	Purchasing Managers	90	.91	.48
15014	Industrial Production Managers	100	1.01	.18
19005	General Managers & Top Executives	30	.30	2.47
19999	All Other Managers & Administrators	570	5.73	n/a
21114	Accountants & Auditors	100	1.01	.34
21199	All Other Financial Specialists	30	.30	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	100	1.01	.14
21511	Personnel, Training, & Labor Relations Specialists	40	.40	.60
21902	Cost Estimators	40	.40	.25
21999	All Other Mgmt Support Workers	20	.20	n/a
22126	Electrical & Electronic Engineers	140	1.41	.43
22128	Industrial Engineers, Except Safety	800	8.05	.54
22135	Mechanical Engineers	40	.40	3.01
22199	All Other Engineers	430	4.33	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	120	1.21	2.97
22514	Drafters	20	.20	1.39
22599	All Other Engineering & Related Technicians & Technologists	860	8.65	n/a
24100	Physical Scientists	40	.40	n/a
24500	Physical & Life Science Technicians & Technologists	80	.80	n/a
39999	All Other Professional, Paraprofessional, & Technical Workers	630	6.34	n/a
40000	Sales & Related Occupations	40	.40	n/a
55100	Secretaries	380	3.83	.43
55347	General Office Clerks	70	.70	1.39
56017	Data Entry Keyers, Except Composing	40	.40	.27
56099	All Other Office Machine Operators	40	.40	n/a
58008	Production, Planning, & Expediting Clerks	340	3.42	.34
58028	Traffic, Shipping, & Receiving Clerks	60	.60	.23

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58099	All Other Material Recording, Scheduling, & Distributing Workers	210	2.11	n/a
59999	All Other Clerical & Administrative Support Workers..................	500	5.03	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	120	1.21	.33
67099	All Other Cleaning & Building Service Workers, Except Private Households.......................	10	.10	n/a
69999	All Other Service Workers...........	10	.10	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.20	.41
81008	First Line Supervisors/Managers, Production & Operating Workers....	260	2.62	.19
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	40	.40	n/a
83002	Precision Inspectors, Testers, & Graders.........................	160	1.61	1.35
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers........................	200	2.01	.56
85110		50	.50	.53
85999	All Other Mechanics, Installers, & Repairers........................	150	1.51	n/a
87000	Construction Trades & Extractive Occupations, Except Material Moving..........................	140	1.41	n/a
89108	Machinists..........................	200	2.01	.39
89199	All Other Precision Metal Workers...	380	3.83	n/a
91000	Machine Setters, Set-Up Operators, Operators & Tenders..............	630	6.34	n/a
93000	Hand Working Occupations, Including Assemblers & Fabricators..........	1,190	11.98	n/a
95000	Plant & System Occupations..........	50	.50	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	60	.60	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	270	2.72	n/a

Table 94
SIC 379
MISCELLANEOUS TRANSPORTATION EQUIPMENT

This group includes establishments primarily engaged in manufacturing travel trailers for attachment to passenger cars or other vehicles, and campers or covers for mounting on pickup trucks and self-contained motor homes. Also included are establishments primarily engaged in manufacturing tanks; tank components; and transportation equipment, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	2,050	100.00	n/a
19005	General Managers & Top Executives...	60	2.92	7.83
19999	All Other Managers & Administrators.	40	1.95	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	20	.98	10.27
22135	Mechanical Engineers...............	20	.98	17.26
22514	Drafters...........................	10	.49	25.37
39999	All Other Professional, Paraprofessional, & Technical Workers.......	10	.49	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	10	.49	28.85
49008	Other Sales Representatives, Except Retail....................	50	2.43	9.34
55100	Secretaries........................	40	1.95	10.13
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	40	1.95	12.52
55347	General Office Clerks..............	50	2.43	12.03
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.49	n/a
58028	Traffic, Shipping, & Receiving Clerks..........................	30	1.46	14.02
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.49	n/a
59999	All Other Clerical & Administrative Support Workers.................	20	.98	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	20	.98	13.38
69999	All Other Service Workers..........	10	.49	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	100	4.87	4.82
85132	Maintenance Repairers, General Utility..........................	20	.98	22.13
85728	Electrical Installers & Repairers, Transportation Equipment..........	10	.49	24.29
85999	All Other Mechanics, Installers, & Repairers........................	10	.49	n/a
87102	Carpenters.........................	30	1.46	24.89

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
87202	Electricians........................	20	.98	13.92
87502	Plumbers,Pipefitters, & Steamfitters	20	.98	17.66
89108	Machinist...........................	60	2.92	33.76
89132	Sheet Metal Workers................	30	1.46	18.43
89199	All Other Precision Metal Workers...	20	.98	n/a
91102	Sawing Machine Tool Setters & Set-Up Operators, Metal & Plastic........	30	1.46	30.33
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	10	.49	31.74
91321	Machine Forming Operators & Tenders, Metal & Plastic...................	30	1.46	16.39
91702	Welding Machine Setters & Set-Up Operators.........................	70	3.41	12.11
91705	Welding Machine Operators & Tenders.	100	4.87	28.21
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	40	1.95	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	10	.49	n/a
92311	Woodworking Machine Setters & Set-Up Operators, Except Sawing..........	20	.98	26.00
92314	Woodworking Machine Operators & Tenders, Except Sawing............	20	.98	15.26
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	20	.98	15.82
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	40	1.95	13.91
92998	All Other Machine Operators & Tenders...........................	20	.98	n/a
93914	Welders & Cutters..................	100	4.87	16.52
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	660	32.20	4.69
93999	All Other Hand Workers.............	10	.49	n/a
97947	Industrial Truck & Tractor Operators	40	1.95	10.74
97999	All Other Material Moving Equipment Operators.........................	20	.98	n/a
98700	Freight, Stock, & Material Movers, Hand.............................	30	1.46	n/a
98999	All Other Helpers, Laborers, & Material Movers, Hand............	10	.49	n/a

Table 95

SIC 38

MEASURING, ANALYZING, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC, MEDICAL, AND OPTICAL GOODS; WATCHES AND CLOCKS

This major group includes establishments engaged in manufacturing instruments (including professional and scientific) for measuring, testing, analyzing, and controlling, and their associated sensors and accessories; optical instruments and lenses; surveying and drafting instruments; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	21,250	100.00	n/a
13002	Financial Managers..................	80	.38	15.18
13005	Personnel, Training, & Labor Relations Managers................	50	.24	18.12
13008	Purchasing Managers.................	40	.19	21.99
13011	Marketing, Advertising, & Public Relations Managers................	110	.52	19.71
13014	Administrative Services Managers....	50	.24	36.07
15014	Industrial Production Managers......	120	.56	10.63
19005	General Managers & Top Executives...	690	3.25	14.43
19999	All Other Managers & Administrators.	140	.66	n/a
21114	Accountants & Auditors..............	90	.42	24.89
21117	Budget Analysts.....................	20	.09	23.32
21199	All Other Financial Specialists.....	20	.09	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products...........	250	1.18	22.29
21511	Personnel, Training, & Labor Relations Specialists.............	40	.19	19.99
21902	Cost Estimators.....................	20	.09	29.15
21999	All Other Mgmt Support Workers......	60	.28	n/a
22114	Chemical Engineers..................	20	.09	32.96
22126	Electrical & Electronic Engineers...	380	1.79	21.19
22128	Industrial Engineers, Except Safety.	80	.38	24.20
22135	Mechanical Engineers................	140	.66	24.00
22199	All Other Engineers.................	60	.28	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists.......	510	2.40	24.06
22508	Industrial Engineering Technicians & Technologists...................	30	.14	33.26
22511	Mechanical Engineering Technicians & Technologists..................	70	.33	29.43
22514	Drafters............................	230	1.08	17.54
22599	All Other Engineering & Related Technicians & Technologists.......	100	.47	n/a
24102	Physicists & Astronomers............	20	.09	42.20
24199	All Other Physical Scientists.......	20	.09	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
24505	Chemical Technicians & Technologists, Except Health......	60	.28	48.86
25102	Systems Analysts, E.D.P............	60	.28	17.24
25105	Computer Programmers...............	120	.56	30.66
25108	Computer Programmer Aides...........	20	.09	28.27
25111	Programmers; Numerical, Tool, & Process Control..................	10	.05	28.26
32514	Opticians, Dispensing & Measuring...	60	.28	44.74
32999	All Other Health Professionals, Paraprofessionals, & Technicians..	60	.28	n/a
34005	Technical Writers..................	10	.05	31.82
34038	Designers, Except Interior Designers	20	.09	35.00
39999	All Other Professional, Paraprofessional, & Technical Workers.......	70	.33	n/a
41002	First Line Supervisors/Managers, Sales & Related Occupations.......	50	.24	28.07
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	200	.94	46.06
49008	Other Sales Representatives, Except Retail....................	240	1.13	26.28
49999	All Other Sales & Related Workers...	200	.94	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	120	.56	12.48
55100	Secretaries........................	620	2.92	n/a
55305	Receptionists & Information Clerks..	30	.14	18.36
55308	Typists............................	100	.47	17.16
55311	Typists, Word Processing Equipment..	60	.28	23.05
55314	Personnel Clerks, Except Payroll & Timekeeping......................	40	.19	13.20
55321	File Clerks........................	30	.14	19.18
55323	Order Clerks; Materials, Merchandise, & Service...........	270	1.27	24.80
55326	Procurement Clerks.................	30	.14	20.81
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	380	1.79	19.31
55341	Payroll & Timekeeping Clerks........	60	.28	19.06
55344	Billing, Cost & Rate Clerks.........	90	.42	18.93
55347	General Office Clerks..............	320	1.51	20.39
56011	Computer Operators, Except Peripheral Equipment.............	60	.28	15.03
56017	Data Entry Keyers, Except Composing.	80	.38	13.15
56099	All Other Office Machine Operators..	20	.09	n/a
57102	Switchboard Operators..............	70	.33	20.81
58008	Production, Planning, & Expediting Clerks...........................	340	1.60	16.63
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard.................	650	3.06	12.27

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
58028	Traffic, Shipping, & Receiving Clerks	290	1.36	10.34
58099	All Other Material Recording, Scheduling, & Distributing Workers	60	.28	n/a
59999	All Other Clerical & Administrative Support Workers	30	.14	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	260	1.22	26.67
67099	All Other Cleaning & Building Service Workers, Except Private Households	40	.19	n/a
69999	All Other Service Workers	20	.09	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations	10	.05	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	50	.24	17.35
81008	First Line Supervisors/Managers, Production & Operating Workers	1,000	4.71	7.57
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations	50	.24	n/a
83002	Precision Inspectors, Testers, & Graders	320	1.51	21.59
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	700	3.29	10.85
85110	Machinery Maintenance Mechanics	150	.71	18.02
85132	Maintenance Repairers, General Utility	120	.56	27.83
85999	All Other Mechanics, Installers, & Repairers	200	.94	n/a
87202	Electricians	40	.19	18.51
87402	Painters & Paperhangers, Construction & Maintenance	10	.05	18.65
87899	All Other Construction Trades Workers	10	.05	n/a
89102	Tool & Die Makers	140	.66	18.69
89105	Precision Instrument Makers	180	.85	38.34
89108	Machinists	650	3.06	17.22
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	20	.09	36.29
89132	Sheet Metal Workers	50	.24	26.83
89917	Precision Optical Goods Workers	890	4.19	7.16
89923	Medical Appliance Makers	250	1.18	48.22
89999	All Other Precision Workers	140	.66	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	80	.38	34.57

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
91108	Drilling & Boring Machine Tool Setters & Set-Up Operators, Metal & Plastic	190	.89	23.66
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	50	.24	42.46
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	330	1.55	22.66
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	50	.24	41.83
91321	Machine Forming Operators & Tenders, Metal & Plastic	500	2.35	25.08
91502	Numerical Control Machine Tool Operators & Tenders, Metal & Plastic	120	.56	27.12
91508	Combination Machine Tool Operators & Tenders, Metal & Plastic	40	.19	21.30
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	90	.42	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	190	.89	n/a
92721	Sewing Machine Operators, Non-Garment	100	.47	43.79
92953	Coating, Painting, & Spraying Machine Operators & Tenders	40	.19	36.90
92965	Crushing, Grinding, Mixing, & Blending Machine Operators & Tenders	50	.24	44.48
92974	Packaging & Filling Machine Operators & Tenders	520	2.45	24.54
92997	All Other Machine Setters & Set-Up Operators	40	.19	n/a
92998	All Other Machine Operators & Tenders	480	2.26	n/a
93111	Electromechanical Equipment Assembers, Precision	50	.24	32.05
93114	Electrical & Electronic Equipment Assemblers, Precision	610	2.87	32.37
93197	All Other Precision Assemblers,Metal	150	.71	n/a
93905	Electrical & Electronic Assemblers..	780	3.67	28.40
93914	Welders & Cutters	170	.80	42.14
93947	Painting, Coating, & Decorating Workers, Hand	20	.09	37.94
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	2,030	9.56	20.88
93999	All Other Hand Workers	280	1.32	n/a
95000	Plant & System Occupations	20	.09	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	20	.09	24.57
97899	All Other Transportation & Related Workers..........................	20	.09	n/a
97947	Industrial Truck & Tractor Operators	50	.24	38.27
98102	Mechanic & Repairer Helpers.........	20	.09	46.57
98700	Freight, Stock, & Material Movers, Hand..............................	210	.99	n/a
98902	Hand Packers & Packagers............	100	.47	25.51
98999	All Other Helpers, Laborers, & Material Movers, Hand.............	180	.85	n/a

Table 96
SIC 381
ENGINEERING, LABORATORY, SCIENTIFIC, AND RESEARCH INSTRUMENTS AND ASSOCIATED EQUIPMENT

This group includes establishments primarily engaged in manufacturing engineering, laboratory, and scientific instruments, including nautical, navigational, aeronautical, surveying, and drafting equipment and instruments for laboratory work and scientific research (except optical instruments).

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	2,990	100.00	n/a
13002	Financial Managers	10	.33	24.90
13011	Marketing, Advertising, & Public Relations Managers	20	.67	19.89
15014	Industrial Production Managers	30	1.00	13.48
19005	General Managers & Top Executives	120	4.02	33.79
19999	All Other Managers & Administrators	60	2.01	n/a
21114	Accountants & Auditors	20	.67	16.19
21199	All Other Financial Specialists	10	.33	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	30	1.00	13.69
21999	All Other Mgmt Support Workers	30	1.00	n/a
22126	Electrical & Electronic Engineers	150	5.02	32.92
22128	Industrial Engineers, Except Safety	10	.33	22.58
22135	Mechanical Engineers	30	1.00	27.18
22199	All Other Engineers	10	.33	n/a
22505	Electrical & Electronic Engineering Technicians & Technologists	140	4.69	18.79
22511	Mechanical Engineering Technicians & Technologists	40	1.34	40.15
22514	Drafters	50	1.67	30.22
22599	All Other Engineering & Related Technicians & Technologists	20	.67	n/a
24100	Physical Scientists	30	1.00	n/a
24500	Physical & Life Science Technicians & Technologists	10	.33	n/a
25102	Systems Analysts, E.D.P.	20	.67	31.28
25105	Computer Programmers	80	2.68	43.87
25108	Computer Programmer Aides	10	.33	39.46
39999	All Other Professional, Paraprofessional, & Technical Workers	40	1.34	n/a
49002	Sales Engineers	30	1.00	34.83
49999	All Other Sales & Related Workers	50	1.67	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations	30	1.00	19.22
55100	Secretaries	90	3.01	19.68
55308	Typists	20	.67	30.73

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55311	Typists, Word Processing Equipment	20	.67	42.13
55344	Billing, Cost & Rate Clerks	10	.33	31.66
55347	General Office Clerks	30	1.00	24.56
56011	Computer Operators, Except Peripheral Equipment	20	.67	15.81
56017	Data Entry Keyers, Except Composing.	10	.33	29.03
58008	Production, Planning, & Expediting Clerks	40	1.34	15.03
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard	80	2.68	14.75
58028	Traffic, Shipping, & Receiving Clerks	40	1.34	29.44
58099	All Other Material Recording, Scheduling, & Distributing Workers	20	.67	n/a
59999	All Other Clerical & Administrative Support Workers	80	2.68	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	20	.67	18.23
81008	First Line Supervisors/Managers, Production & Operating Workers	100	3.35	20.84
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	20	.67	n/a
83002	Precision Inspectors, Testers, & Graders	40	1.34	23.42
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	30	1.00	35.48
85110	Machinery Maintenance Mechanics	20	.67	45.94
85132	Maintenance Repairers, General Utility	10	.33	29.23
87000	Construction Trades & Extractive Occupations, Except Material Moving	20	.67	n/a
89102	Tool & Die Makers	10	.33	31.33
89105	Precision Instrument Makers	90	3.01	27.59
89108	Machinists	240	8.04	28.33
89132	Sheet Metal Workers	40	1.34	30.86
89999	All Other Precision Workers	30	1.00	n/a
91105	Lathe & Turning Machine Tool Setters & Set-Up Operators, Metal & Plastic	20	.67	41.88
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	30	1.00	43.95
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	20	.67	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	50	1.67	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	20	.67	49.86
92997	All Other Machine Setters & Set-Up Operators.......................	10	.33	n/a
92998	All Other Machine Operators & Tenders..........................	40	1.34	n/a
93114	Electrical & Electronic Equipment Assemblers, Precision............	100	3.35	27.72
93197	All Other Precision Assemblers,Metal	30	1.00	n/a
93905	Electrical & Electronic Assemblers..	200	6.69	42.52
93999	All Other Hand Workers.............	200	6.69	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	20	.67	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers................	40	1.34	n/a

Table 97
SIC 384
SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES

This group includes establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus; orthopedic, prosthetic, and surgical appliances and supplies; and artificial teeth, dental metals, alloys and amalgams, and other dental equipment, instruments, and supplies.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	5,940	100.00	n/a
13002	Financial Managers..................	20	.34	22.32
13005	Personnel, Training, & Labor Relations Managers...............	20	.34	15.44
13008	Purchasing Managers.................	10	.17	36.92
15014	Industrial Production Managers......	40	.67	15.95
19005	General Managers & Top Executives...	100	1.68	22.36
19999	All Other Managers & Administrators.	70	1.18	n/a
21114	Accountants & Auditors..............	50	.84	46.12
21199	All Other Financial Specialists.....	10	.17	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	30	.51	26.87
21511	Personnel, Training, & Labor Relations Specialists............	30	.51	30.06
21999	All Other Mgmt Support Workers......	20	.34	n/a
22135	Mechanical Engineers................	40	.67	36.75
22199	All Other Engineers.................	100	1.68	n/a
22511	Mechanical Engineering Technicians & Technologists..................	20	.34	42.14
22514	Drafters............................	20	.34	22.24
22599	All Other Engineering & Related Technicians & Technologists.......	70	1.18	n/a
25102	Systems Analysts, E.D.P.............	30	.51	8.72
25105	Computer Programmers................	10	.17	43.93
39999	All Other Professional, Paraprofessional, & Technical Workers.......	120	2.02	n/a
49008	Other Sales Representatives, Except Retail....................	80	1.34	29.93
49999	All Other Sales & Related Workers...	10	.17	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	30	.51	33.53
55100	Secretaries.........................	170	2.86	21.54
55311	Typists, Word Processing Equipment..	20	.34	44.38
55314	Personnel Clerks, Except Payroll & Timekeeping......................	10	.17	14.22
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	80	1.34	29.93

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
55341	Payroll & Timekeeping Clerks........	10	.17	17.32
55344	Billing, Cost & Rate Clerks.........	10	.17	37.14
56017	Data Entry Keyers, Except Composing.	20	.34	8.40
56099	All Other Office Machine Operators..	20	.34	n/a
58008	Production, Planning, & Expediting Clerks..........................	160	2.69	32.53
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard..................	100	1.68	38.48
58028	Traffic, Shipping, & Receiving Clerks..........................	50	.84	40.80
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.17	n/a
59999	All Other Clerical & Administrative Support Workers..................	220	3.70	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	80	1.34	43.04
67099	All Other Cleaning & Building Service Workers, Except Private Households......................	20	.34	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations...............	10	.17	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	20	.34	19.61
81008	First Line Supervisors/Managers, Production & Operating Workers....	250	4.21	13.11
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	20	.34	n/a
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	390	6.56	11.92
83099	All Other Inspectors, Testers, & Related Occupations.............	60	1.01	n/a
85110	Machinery Maintenance Mechanics....	40	.67	18.61
85132	Maintenance Repairers, General Utility..........................	50	.84	13.52
85999	All Other Mechanics, Installers, & Repairers........................	10	.17	n/a
87202	Electricians.......................	30	.51	15.48
87999	All Other Extractive Workers, Except Helpers..........................	10	.17	n/a
89102	Tool & Die Makers..................	70	1.18	23.48
89108	Machinists.........................	30	.51	16.24
89199	All Other Precision Metal Workers...	10	.17	n/a
89999	All Other Precision Workers.........	300	5.05	n/a
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	310	5.21	23.86

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	180	3.03	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders...............	470	7.91	n/a
92721	Sewing Machine Operators, Non-Garment......................	100	1.68	43.79
92998	All Other Machine Operators & Tenders..........................	670	11.27	n/a
93100	Precision Assemblers...............	40	.67	n/a
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	480	8.08	28.49
93999	All Other Hand Workers.............	210	3.54	n/a
97000	Transportation & Material Moving Machine & Vehicle Operators.......	20	.34	n/a
98700	Freight, Stock, & Material Movers, Hand..............................	80	1.34	n/a
98902	Hand Packers & Packagers............	60	1.01	36.40
98999	All Other Helpers, Laborers, & Material Movers, Hand............	110	1.85	n/a

Table 98
SIC 39
MISCELLANEOUS MANUFACTURING INDUSTRIES

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group, such as jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; etc.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT	12,120	100.00	n/a
13002	Financial Managers	30	.25	20.30
13005	Personnel, Training, & Labor Relations Managers	10	.08	17.07
13008	Purchasing Managers	20	.17	16.88
13011	Marketing, Advertising, & Public Relations Managers	20	.17	15.04
13014	Administrative Services Managers	30	.25	32.84
15014	Industrial Production Managers	40	.33	21.78
19005	General Managers & Top Executives	570	4.70	9.73
19999	All Other Managers & Administrators	30	.25	n/a
21114	Accountants & Auditors	90	.74	31.03
21199	All Other Financial Specialists	10	.08	n/a
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products	80	.66	13.64
21902	Cost Estimators	10	.08	24.42
21999	All Other Mgmt Support Workers	70	.58	n/a
22128	Industrial Engineers, Except Safety	10	.08	22.12
22135	Mechanical Engineers	10	.08	20.09
22199	All Other Engineers	10	.08	n/a
22511	Mechanical Engineering Technicians & Technologists	10	.08	26.81
22514	Drafters	50	.41	11.78
22599	All Other Engineering & Related Technicians & Technologists	30	.25	n/a
24100	Physical Scientists	10	.08	n/a
24500	Physical & Life Science Technicians & Technologists	20	.17	n/a
25102	Systems Analysts, E.D.P.	20	.17	30.80
25105	Computer Programmers	10	.08	19.36
34038	Designers, Except Interior Designers	150	1.23	17.41
41002	First Line Supervisors/Managers, Sales & Related Occupations	20	.17	23.41
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail	130	1.07	13.15
49008	Other Sales Representatives, Except Retail	350	2.88	15.94

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
49999	All Other Sales & Related Workers...	30	.25	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	50	.41	33.31
55100	Secretaries........................	370	3.05	10.99
55302	Stenographers......................	10	.08	32.05
55305	Receptionists & Information Clerks..	20	.17	27.07
55308	Typists............................	40	.33	16.15
55314	Personnel Clerks, Except Payroll & Timekeeping......................	10	.08	16.48
55321	File Clerks........................	20	.17	11.33
55323	Order Clerks; Materials, Merchandise, & Service...........	180	1.48	12.66
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	230	1.89	7.91
55341	Payroll & Timekeeping Clerks........	20	.17	16.23
55344	Billing, Cost & Rate Clerks.........	40	.33	14.49
55347	General Office Clerks..............	270	2.22	9.54
56002	Billing, Posting, & Calculating Machine Operators.................	20	.17	13.90
56011	Computer Operators, Except Peripheral Equipment.............	30	.25	29.35
56017	Data Entry Keyers, Except Composing.	40	.33	35.00
57102	Switchboard Operators..............	20	.17	13.26
58008	Production, Planning, & Expediting Clerks..........................	40	.33	12.93
58023	Stock Clerks; Stockroom, Warehouse or Storage Yard.................	40	.33	23.38
58028	Traffic, Shipping, & Receiving Clerks..........................	250	2.06	15.54
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.08	n/a
59999	All Other Clerical & Administrative Support Workers..................	40	.33	n/a
63047	Guards & Watch Guards..............	10	.08	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	130	1.07	9.49
69999	All Other Service Workers..........	30	.25	n/a
70000	Agricultural, Forestry, Fishing, & Related Occupations..............	10	.08	n/a
81002	First Line Supervisors/Managers; Mechanics, Installers, & Repairers	10	.08	21.16
81008	First Line Supervisors/Managers, Production & Operating Workers....	510	4.20	5.17
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.	20	.17	n/a
83002	Precision Inspectors, Testers, & Graders..........................	50	.41	40.51

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers	120	.99	18.54
85110	Machinery Maintenance Mechanics	30	.25	15.04
85128	Machinery Maintenance Workers	20	.17	45.52
85132	Maintenance Repairers, General Utility	160	1.32	11.74
85999	All Other Mechanics, Installers, & Repairers	120	.99	n/a
87102	Carpenters	40	.33	34.53
87202	Electricians	240	1.98	15.95
87899	All Other Construction Trades Workers	10	.08	n/a
89102	Tool & Die Makers	40	.33	14.96
89111	Tool Grinders, Filers, Sharpeners, & Other Precision Grinders	90	.74	31.09
89123	Jewelers & Silversmiths	140	1.16	8.03
89126	Precision Hand Workers, Jewelry & Related Products	320	2.64	3.42
89128	Precision Etchers & Engravers, Hand or Machine	190	1.57	10.13
89132	Sheet Metal Workers	420	3.47	7.45
89311	Cabinetmakers & Bench Carpenters	50	.41	31.63
89399	All Other Precision Woodworkers	80	.66	n/a
89905	Precision Molders, Shapers, Casters, & Carvers,Except Jewelry & Foundry	20	.17	19.38
89908	Precision Patternmakers, Model Makers, Layout Workers & Cutters	30	.25	18.50
89926	Gem & Diamond Workers	20	.17	15.05
89999	All Other Precision Workers	240	1.98	n/a
91111	Milling & Planing Machine Setters & Set-Up Operators, Metal & Plastic.	10	.08	41.73
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	220	1.81	11.11
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic	180	1.48	47.98
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	170	1.40	19.41
91905	Plastic Molding & Casting Machine Operators & Tenders	200	1.65	29.74
91911	Metal Molding, Coremaking, & Casting Machine Operators & Tenders	20	.17	11.01
91917	Electrolytic Plating & Coating Machine Setters & Set-Up Operators, Metal & Plastic	20	.17	42.25
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	140	1.16	n/a

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92198	All Other Metal & Plastic Machine Operators & Tenders	30	.25	n/a
92524	Screen Printing Machine Setters & Set-Up Operators	180	1.48	16.27
92529	All Other Printing Related Setters & Set-Up Operators	20	.17	n/a
92543	Printing Press Machine Operators & Tenders	30	.25	43.17
92721	Sewing Machine Operators, Non-Garment	280	2.31	31.82
92944	Cutting & Slicing Machine Operators & Tenders	20	.17	25.35
92951	Coating, Painting, & Spraying Machine Setters & Set-Up Operators	20	.17	39.45
92953	Coating, Painting, & Spraying Machine Operators & Tenders	70	.58	45.69
92968	Extruding, Forming, Pressing, & Compacting Machine Setters & Set-Up Operators	10	.08	47.25
92974	Packaging & Filling Machine Operators & Tenders	90	.74	25.96
92997	All Other Machine Setters & Set-Up Operators	50	.41	n/a
92998	All Other Machine Operators & Tenders	270	2.22	n/a
93905	Electrical & Electronic Assemblers	60	.50	29.83
93914	Welders & Cutters	180	1.48	12.56
93917	Solderers & Brazers	60	.50	15.99
93926	Cutters & Trimmers, Hand	30	.25	46.79
93947	Painting, Coating, & Decorating Workers, Hand	380	3.14	16.69
93951	Engraving & Printing Workers, Hand	20	.17	29.74
93953	Grinding & Polishing Workers, Hand	150	1.23	28.66
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision	910	7.51	24.34
93999	All Other Hand Workers	330	2.72	n/a
97102	Truck Drivers, Heavy or Tractor Trailer	10	.08	28.10
97105	Truck Drivers, Light, Including Delivery & Route Workers	30	.25	19.75
97947	Industrial Truck & Tractor Operators	100	.83	15.90
97999	All Other Material Moving Equipment Operators	60	.50	37.43
98502	Machine Feeders & Offbearers	220	1.81	41.05
98700	Freight, Stock, & Material Movers, Hand	170	1.40	n/a
98902	Hand Packers & Packagers	440	3.63	47.65
98999	All Other Helpers, Laborers, & Material Movers, Hand	170	1.40	n/a

Table 99
SIC 391
JEWELRY, SILVERWARE, AND PLATED WARE

This group includes establishments primarily engaged in manufacturing jewelry and other articles made of precious metal with or without stones; silverware; plated ware; stainless steel ware; jewelers' findings and materials; and lapidary work.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	1,740	100.00	n/a
15014	Industrial Production Managers......	10	.57	n/a
19005	General Managers & Top Executives...	50	2.88	7.02
19999	All Other Managers & Administrators.	40	2.30	n/a
34038	Designers, Except Interior Designers	10	.57	8.97
39999	All Other Professional, Paraprofessional, & Technical Workers.......	40	2.30	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	10	.57	19.62
49008	Other Sales Representatives, Except Retail....................	50	2.88	9.84
49999	All Other Sales & Related Workers...	10	.57	n/a
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations...............	20	1.15	4.44
55100	Secretaries.........................	30	1.72	n/a
55338	Bookkeeping, Accounting, & Auditing Clerks...........................	40	2.30	9.18
55344	Billing, Cost & Rate Clerks.........	20	1.15	n/a
55347	General Office Clerks...............	60	3.45	7.04
56000	Electronic Data Processing & Other Office Machine Occupations........	30	1.72	n/a
58008	Production, Planning, & Expediting Clerks...........................	30	1.72	n/a
58028	Traffic, Shipping, & Receiving Clerks...........................	40	2.30	7.10
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.57	n/a
59999	All Other Clerical & Administrative Support Workers...................	80	4.60	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners...........	30	1.72	5.38
69999	All Other Service Workers...........	10	.57	n/a
81008	First Line Supervisors/Managers, Production & Operating Workers....	70	4.02	3.91
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers..........................	50	2.88	1.92

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
85132	Maintenance Repairers, General Utility	10	.57	n/a
85999	All Other Mechanics, Installers, & Repairers	10	.57	n/a
89102	Tool & Die Makers	30	1.72	17.36
89123	Jewelers & Silversmiths	140	8.06	8.03
89126	Precision Hand Workers, Jewelry & Related Products	310	17.83	3.24
89128	Precision Etchers & Engravers, Hand or Machine	60	3.45	4.18
89926	Gem & Diamond Workers	20	1.15	15.05
89999	All Other Precision Workers	130	7.48	n/a
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic	120	6.91	6.85
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic	10	.57	42.73
91902	Plastic Molding & Casting Machine Setters & Set-Up Operators	10	.57	29.16
91905	Plastic Molding & Casting Machine Operators & Tenders	50	2.88	2.95
91911	Metal Molding, Coremaking, & Casting Machine Operators & Tenders	20	1.15	11.01
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators	10	.57	n/a
92198	All Other Metal & Plastic Machine Operators & Tenders	10	.57	n/a
93953	Grinding & Polishing Workers, Hand	30	1.72	11.82
93999	All Other Hand Workers	20	1.15	n/a
98000	Helpers,Laborers, & Material Movers, Hand, Exclude Agriculture & Forestry Laborers	10	.57	n/a

Table 100
SIC 399
MISCELLANEOUS MANUFACTURING INDUSTRIES

This group includes establishments primarily engaged in manufacturing brooms and brushes; electrical, mechanical, cutout, or plate signs and advertising displays; burial caskets and cases; linoleum, asphalted-felt-base, and other hard surface floor coverings, not elsewhere classified; and miscellaneous fabricated products, not elsewhere classified.

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
	TOTAL EMPLOYMENT....................	5,180	100.00	n/a
19005	General Managers & Top Executives...	250	4.83	3.85
19999	All Other Managers & Administrators.	40	.77	n/a
21114	Accountants & Auditors.............	30	.58	12.51
21308	Purchasing Agents, Except Wholesale, Retail, & Farm Products..........	50	.97	8.40
21902	Cost Estimators....................	10	.19	26.86
22514	Drafters...........................	40	.77	11.69
34038	Designers, Except Interior Designers	110	2.12	8.81
39999	All Other Professional, Paraprofessional, & Technical Workers.......	30	.58	n/a
49005	Sales Representatives, Scientific & Related Products & Services, Except Retail....................	110	2.12	14.40
49008	Other Sales Representatives, Except Retail....................	170	3.28	9.94
51002	First Line Supervisors/Managers, Clerical, & Administrative Support Occupations..............	10	.19	33.20
55100	Secretaries........................	170	3.28	n/a
55308	Typists............................	20	.39	14.35
55323	Order Clerks; Materials, Merchandise, & Service...........	70	1.35	11.12
55338	Bookkeeping, Accounting, & Auditing Clerks..........................	130	2.51	6.73
55347	General Office Clerks..............	100	1.93	9.89
56000	Electronic Data Processing & Other Office Machine Occupations........	10	.19	n/a
58028	Traffic, Shipping, & Receiving Clerks..........................	80	1.55	10.91
58099	All Other Material Recording, Scheduling, & Distributing Workers	10	.19	n/a
59999	All Other Clerical & Administrative Support Workers..................	40	.77	n/a
63000	Protective Service Occupations......	10	.19	n/a
67005	Janitors & Cleaners, Except Maids & Housekeeping Cleaners..........	70	1.35	9.18

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
81008	First Line Supervisors/Managers, Production & Operating Workers....	270	5.21	4.33
81099	All Other First Line Supervisors/ Managers; Production,Construction, Maintenance & Related Occupations.10	.19	n/a	
83005	Production Inspectors, Testers, Graders, Sorters, Samplers, & Weighers.........................	30	.58	7.02
83099	All Other Inspectors, Testers, & Related Occupations...............	10	.19	n/a
85132	Maintenance Repairers, General Utility..........................	70	1.35	15.68
85999	All Other Mechanics, Installers, & Repairers........................	140	2.70	n/a
87102	Carpenters..........................	30	.58	31.71
87202	Electricians........................	230	4.45	15.88
87899	All Other Construction Trades Workers..........................	10	.19	n/a
89126	Precision Hand Workers, Jewelry & Related Products..................	10	.19	35.03
89128	Precision Etchers & Engravers, Hand or Machine.....................	40	.77	25.49
89132	Sheet Metal Workers.................	390	7.53	7.85
89311	Cabinetmakers & Bench Carpenters...	30	.58	22.09
89905	Precision Molders, Shapers, Casters, & Carvers,Except Jewelry & Foundry	20	.39	21.13
89908	Precision Patternmakers, Model Makers, Layout Workers & Cutters..	20	.39	27.27
89911	Precision Detail Design Decorators & Painters........................	80	1.54	12.63
89999	All Other Precision Workers.........	20	.39	n/a
91114	Grinding, Lapping, Buffing Machine Tool Setters & Set-Up Operators, Metal & Plastic..................	10	.19	28.94
91117	Machine Tool Cutting Operators & Tenders, Metal & Plastic..........	50	.97	25.18
91302	Punching Machine Setters & Set-Up Operators, Metal & Plastic........	90	1.74	30.36
91902	Plastic Molding & Casting Machine Setters & Set-Up Operators........	50	.97	19.33
91905	Plastic Molding & Casting Machine Operators & Tenders..............	20	.39	21.54
92197	All Other Metal & Plastic Machine Setters & Set-Up Operators........	40	.77	n/a
92524	Screen Printing Machine Setters & Set-Up Operators.................	160	3.09	17.07
92721	Sewing Machine Operators, Non-Garment.....................	70	1.35	15.96

OES CODE	OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE STANDARD ERROR
92953	Coating, Painting, & Spraying Machine Operators & Tenders......	10	.19	39.66
92974	Packaging & Filling Machine Operators & Tenders...............	50	.97	28.71
92997	All Other Machine Setters & Set-Up Operators........................	60	1.16	n/a
92998	All Other Machine Operators & Tenders..........................	110	2.12	n/a
93905	Electrical & Electronic Assemblers..	60	1.16	29.83
93914	Welders & Cutters...................	170	3.28	11.23
93944	Molders & Casters, Hand.............	30	.58	40.25
93947	Painting, Coating, & Decorating Workers, Hand....................	240	4.63	8.88
93951	Engraving & Printing Workers, Hand..	10	.19	47.59
93953	Grinding & Polishing Workers, Hand..	50	.97	22.43
93956	Assemblers & Fabricators, Except Machine, Electrical, Electronic, & Precision......................	250	4.83	12.10
93999	All Other Hand Workers..............	120	2.32	n/a
97102	Truck Drivers, Heavy or Tractor Trailer..........................	10	.19	25.19
97105	Truck Drivers, Light, Including Delivery & Route Workers..........	30	.58	24.70
97947	Industrial Truck & Tractor Operators	90	1.74	16.77
97999	All Other Material Moving Equipment Operators........................	40	.77	n/a
98502	Machine Feeders & Offbearers........	80	1.54	16.23
98700	Freight, Stock, & Material Movers, Hand............................	130	2.51	n/a
98902	Hand Packers & Packagers............	90	1.74	12.69
98999	All Other Helpers, Laborers, & Material Movers, Hand............	90	1.74	n/a

GLOSSARY OF TERMS

ES-202, Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or serivces. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishments, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

Universe: Total establishments or units covered under the ES-202, Quarterly Report of Employment and Wages.

Usable Response: After initial classification and schedule review, all usable employment data.